

Analysis of Unallocated Balances and New
Authorizations for the General Bonding
Subcommittee

March 13, 2013
9:45 AM

OFFICE OF FISCAL ANALYSIS

Room 5200, Legislative Office Building
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I. Hearing Schedule

The attached information was developed by OFA staff members for the legislative members of the GO Bonding Subcommittee.

General Bonding Subcommittee Hearings on Wednesday, March 13, 2013		
Time	Agency	Analyst
9:15 - 10:15	Department of Energy and Environmental Protection Connecticut Energy Finance and Investment Authority	Marcy Picano Kyle Rhude

II. Agency Write-ups

Department of Energy and Environmental Protection Connecticut Energy Finance Investment Authority

OFA Analysts: Marcy Picano
Kyle Rhude

Department of Energy and Environmental Protection (DEEP) Connecticut Energy Finance Investment Authority (CEFIA)			
Description	Unallocated 2/25/13 \$	Proposed FY 14 \$	Proposed FY 15 \$
(DEEP) A program to establish energy microgrids to support critical municipal infrastructure. PA 12-189, Sec. 9(b)(2)	25,000,000	15,000,000	15,000,000
(DEEP) Energy conservation projects in state-owned buildings. PA 07-242, Sec. 73	13,000,000	25,000,000	25,000,000
(DEEP) Renewable Energy Investment Fund for renewable energy or combined heat and power projects in state buildings. PA 07-242, Sec. 121	10,000,000	-	-
(DEEP) Renewable energy grant program - Energy services projects that results in increased efficiency measures in state buildings pursuant to CGS Sec. 16a-38l, or any renewable energy or combined heat and power project in state buildings. PA 07-242, Sec. 108	4,101,200	-	-
(DEEP) Energy efficiency fuel oil furnace and boiler replacement, upgrade and repair program. PA 11-1, (OSS), Sec. 49	10,000,000	-	-
(CEFIA) Grants-in-aid for municipal renewable energy and efficient energy generation projects. PA 07-242, Sec. 91	18,000,000	-	-
(DEEP) Clean Water Fund grants-in-aid	94,000,000	67,000,000	218,000,000
(DEEP) Clean Water Fund low interest revolving loans	256,780,000	380,430,000	331,970,000
(DEEP) Recreation and Natural Heritage Trust Program (State open space program) - Recreation and natural heritage trust program for recreation, open space, resource protection and resource management. PA 07-7, (JSS), Secs. 2(l)(1) & 21(h)(1)	5,750,000	10,000,000	10,000,000

Department of Energy and Environmental Protection (DEEP) Connecticut Energy Finance Investment Authority (CEFIA)			
Description	Unallocated 2/25/13 \$	Proposed FY 14 \$	Proposed FY 15 \$
(DEEP) Grants-in-aid to municipalities for open space land acquisition and development for conservation or recreation purposes. PA 07-7, (JSS), Secs. 13(d)(1) & 32(d)(1); PA 11-57, Sec. 32(a)(2)	8,000,000	10,000,000	10,000,000
(DEEP) State Parks Improvement Program - Alterations, renovations and new construction at state parks and other recreation facilities including Americans with Disabilities Act Improvements. PA 11-57, Secs. 2(i)(2) & 21(h)(2)	56,573,320	-	-
(DEEP) Connecticut Bikeway, Pedestrian Walkway and Greenway Grant Program. PA 07-7, (JSS), Sec. 68	2,000,000	-	-
(DEEP) Urban sites remediation (brownfields) - Grants-in-aid for containment, removal or mitigation of identified hazardous waste disposal sites. PA 11-57, Secs. 13(a)(1) & 32(a)(1)	20,000,000	5,000,000	5,000,000
(DEEP) State Superfund Program - Containment, removal or mitigation of identified hazardous waste disposal sites, and for grants-in-aid to municipalities for new water mains to replace water supplied from contaminated wells. PA 07-7, (JSS), Secs. 13(d)(2) & 32(d)(2)	17,500,000	-	-
(DEEP) Special Contaminated Property Remediation and Insurance Fund. PA 96-250, Sec. 3(a)	1,000,000	-	-
(DEEP) Dam repairs, including state-owned dams. PA 11-57, Secs. 2(i)(1) & 21(h)(1)	7,378,506	6,000,000	5,000,000
(DEEP) Various flood control improvements, flood repair, erosion damage repairs and municipal dam repairs. SA 05-1, (JSS), Sec. 2(j)(4); PA 07-7, (JSS), Secs. 2(l)(3) & 21(h)(3)	7,168,695	4,500,000	6,900,000
(DEEP) Grants-in-aid to municipalities for improvements to incinerators and landfills, including but not limited to	1,000,000	1,400,000	1,000,000

Department of Energy and Environmental Protection (DEEP) Connecticut Energy Finance Investment Authority (CEFIA)			
Description	Unallocated 2/25/13 \$	Proposed FY 14 \$	Proposed FY 15 \$
bulky waste landfills. PA 99-242, Sec. 13(b)(5)			
(DEEP) Grants-in-aid to municipalities for the purpose of providing potable water. PA 07-7, (JSS), Sec. 32(d)(5)	2,258,707	-	1,000,000
(DEEP) Lakes restoration program in accordance with sections 22a-339a through 22a-339e of the general statutes. PA 07-7, (JSS), Secs. 13(d)(5) & 32(d)(4)	687,805	-	-
(DEEP) Grants-in-aid for: (1) for containment, removal or mitigation of identified hazardous waste disposal sites and to municipalities for new water mains to replace water supplied from contaminated wells, (2) for identification, investigation, containment, removal or mitigation of contaminated industrial sites in urban areas, (3) to municipalities for acquisition of land, for public parks, recreational and water quality improvements, water mains and water pollution control facilities, including sewer projects, (4) to municipalities for the purpose of providing potable water, and (5) to state agencies, regional planning agencies and municipalities for water pollution control projects. PA 09-2, (SSS), Sec. 34(a); PA 11-57, Sec. 89	13,000,000	-	-
(DEEP) Grants-in-aid or loans to municipalities for acquisition of land, for public parks, recreational and water quality improvements, water mains and water pollution control facilities. SA 01-2, (JSS), Sec. 28(b)(1)	42,000	-	-

See Appendix A for a list of this agency's earmarked unallocated bond balances.

Energy Microgrids (\$25 million unallocated; \$15 million in each of FY 14 and FY 15 proposed by the Governor) - Microgrids are small electric distribution systems that connect either: (1) a few facilities or (2) a small geographic area. Although they can stand alone, DEEP anticipates that these bond funds will be used to create microgrids that are connected to the public electric power grid but also include equipment that will automatically isolate them (called "islanding") in the event of a power outage. This equipment consists of switches and transfers that meet certain engineering specifications. There has been no allocation of funds for this program to date.

Question 1: No allocations have been made from the original \$25 million authorized last year. Does DEEP have a plan to spend these funds? If so, please provide it.

DEEP response: DEEP plans to request the allocation of \$15 million for its Microgrids program in late spring or early summer of 2013.

In February 2013, DEEP completed Phase I of its Microgrid Grant and Loan Pilot Program, in which it evaluated the technical feasibility of 36 project submissions. Based on that evaluation, DEEP identified 27 projects that will be eligible to submit a proposal in the Request for Proposals (RFP) phase, which is Phase II. Of the \$25 million authorization, DEEP will use a total of up to \$1.5 million to cover preliminary design and engineering costs for the 27 participants selected for the RFP phase (this phase will occur in late spring or early summer 2013). Based on the RFP responses it receives, DEEP will award a total of \$13.5 million to the projects that best meet the criteria put forward in the RFP. This funding will be used to cover costs associated with completing a microgrid project, such final engineering, interconnection, and design work. It should be noted that the legislation authorizing the Microgrid Grant and Loan Pilot Program restricted the program to a budget of \$15 million although \$25 million in bonding was authorized.

Question: What does DEEP plan to do with the additional \$10 million that it will not use in this first round of funding? Can it be cancelled?

Question 2: How will DEEP use the additional \$30 million authorization (\$15 million in each of FY 14 and FY 15 proposed) by the Governor?

DEEP response: Based on the level of demand for DEEP's current Microgrid program, the agency anticipates that the additional proposed \$30 million authorization will be needed to support subsequent rounds of funding for microgrids across the state.

Question 3: Last year DEEP stated it was in the process of identifying critical emergency-service facilities across the state. Has this been completed? Has a master plan been established for constructing microgrids for the entire state?

DEEP response: DEEP has identified critical facilities in the towns and facilities of applicants to the current Microgrid program. There is no master plan for constructing microgrids in every municipality in the state because of the agency believes that microgrids should be installed on a voluntary basis due to the significant potential costs associated with developing them.

Question 4: What impact will microgrids have on electric ratepayers?

DEEP response: There will be no ratepayer impact, with the exception of potential rate changes affecting only the facilities that are part of an operational microgrid project. These facilities may have increases or decreases to their rates based on the rate structure of the particular microgrid in which they are located.

Energy efficiency in state-owned buildings (\$13 million unallocated; \$25 million in each of FY 14 and FY 15 proposed by the Governor) - PA 11-80 requires DEEP to develop a plan in consultation with the Department of Administrative Services, to reduce energy use in state-owned or -leased buildings by: (1) at least 10% from its current consumption by January 1, 2013 and (2) an additional 10% by July 1, 2018. The plan must at least: (1) assess current energy consumption for all fuels used in state-owned buildings, (2) identify at least 100 buildings with the highest aggregate energy costs in FY 11, (3) establish targets for conducting energy audits of these buildings, and (4) determine which energy efficiency measures are most cost-effective for them. The plan must provide for the financing of three measures through the use of energy performance contracting¹, bonding or other means.

Question 1: How does DEEP plan to spend the \$50 million proposed by the Governor?

DEEP response: DEEP plans to spend roughly \$40 million for “performance contracting” energy efficiency upgrades for a variety of state agencies. The remaining \$10 million will be used to implement traditional energy-efficiency measures in state buildings, following the same “Lead by Example” process through which \$10 million has been spent on 44 energy-efficiency projects in state buildings. These projects have an average payback period of less than six years and it can reasonably be expected that the additional \$10 million would have a similar payback period.

Question 2: Is there a current prioritized plan for energy efficiency projects at state-owned buildings?

DEEP response: Yes. The “Lead by Example” program has worked with facilities staff from almost all state agencies to prioritize projects in facilities that are most in need of upgrades. Additionally, the program has installed energy monitoring and reduction technologies in many of the state’s largest energy consuming buildings. See Appendix B for a list of Lead by Example projects at state-owned buildings.

¹ Energy performance contracts (EPCs), are an alternative financing mechanism that use private sector financing to implement energy conservation methods and energy efficiency technologies at state or federally-owned facilities. Under an EPC, an energy service company (ESC) conducts a comprehensive energy audit for the facility and identifies improvements to save energy. In consultation with the agency, the ESC designs and constructs a project that meets the agency's needs and arranges the necessary financing. The ESC guarantees that the improvements will generate energy cost savings sufficient to pay for the project over the term of the contract. After the contract ends, all additional cost savings accrue to the agency. It should be noted that such contracts are a more expensive option when compared to the General Fund cost of issuing General Obligation (GO) bonds to finance the energy efficiency improvements because the state can issue GO bonds at a lower interest rate than the rates available to the private contractors in the commercial market.

Question 3: How is this program different from the previous program in PA 07-242 (Renewable Energy Grant Program, Renewable Energy Investment Fund, and Energy Conservations Projects in State-Owned Buildings)?

DEEP response: The purpose of this program is energy efficiency upgrades, which is the same as the purpose in the program in PA 07-242.

Renewable Energy Investment Fund (\$10 million unallocated)

Question 1: Please provide a list of prior state buildings that have had renewable energy upgrades from the previously allocated \$15.9 million.

DEEP response: This funding was merged into the bond request made for energy efficiency in state buildings - see Appendix B for the status of projects.

Question 2: What state buildings are scheduled to be upgraded using the remaining balance? Please provide a list with state buildings prioritized.

DEEP response: There is no exact list of funding priorities, but it is anticipated that a large amount of the funding will be devoted to a performance contract with the Department of Corrections, as well as one-off efficiency projects as they arise.

Renewable energy grant program (\$4.1 million unallocated) -

Question: These funds have not had any allocations. Is there a plan to spend these funds? Please provide the plan.

DEEP response: There is currently no plan to make a bond request under this authorization.

Question: Can these funds be cancelled?

Boiler Replacement Program (\$10 million unallocated)

Question: These funds have not had any allocations. Is there a plan to spend these funds? Please provide the plan.

DEEP response: DEEP has not received any allocation of these funds from the State Bond Commission.

Question: Does DEEP have a plan for these funds and has it requested an allocation through the SBC?

CEFIA - Grants-in-aid for municipal renewable energy and efficient energy generation projects (\$18 million unallocated)

Question 1: What renewable energy and efficient energy generation projects does this encompass?

CEFIA response: CGS Sec. 16-245n(a) establishes a municipal grant-in-aid program for "renewable energy", including solar photovoltaic energy, solar thermal, geothermal energy, wind, ocean thermal energy, wave or tidal energy, fuel cells, landfill gas, hydropower that meets the low-impact standards of the Low-Impact Hydropower Institute, hydrogen production and hydrogen conversion technologies, low emission advanced biomass conversion technologies, alternative fuels, used for electricity generation including ethanol, biodiesel or other fuel produced in Connecticut and derived from agricultural produce, food waste or waste vegetable oil, provided the Commissioner of Environmental Protection determines that such fuels provide net reductions in greenhouse gas emissions and fossil fuel consumption, usable electricity from combined heat and power systems with waste heat recovery systems, thermal storage systems and other energy resources and emerging technologies which have significant potential for commercialization and which do not involve the combustion of coal, petroleum or petroleum products, municipal solid waste or nuclear fission.

Question 2: Is there a prioritized plan to spend the unallocated balance of \$18 million? If so, please provide it.

CEFIA response: CEFIA does not yet have a plan to spend the unallocated funds in FY 13. However, the agency plans in FY 14 to use the funds to support the DEEP key policy priorities in Sections 118 and 122-123 of PA 11-80, as well as the pending focus on microgrids through the implementation of the Comprehensive Energy Strategy.

Clean Water Program:

Clean Water Fund grants-in-aid General Obligation (GO) bonds (\$94 million unallocated; \$67 million in FY 14 and \$218 million in FY 15 proposed by the Governor) - The Clean Water Fund (CWF) assists municipalities in planning, designing and constructing wastewater (WW) infrastructure to protect human health and water quality. The General Obligation Bonds (GO) provides grants to municipalities for a portion of project costs. In addition, GO Bonds are necessary to support the subsidizing of the reduced interest rate of the program compared to market rates as well as federal match requirements for the Drinking Water State Revolving Fund (DWSRF). The Drinking Water Fund (DW) is the State funding mechanism to assist public water systems with financing infrastructure upgrades need to achieve and maintain compliance with Safe Drinking Water Act requirements and protect public health. Low interest loans are available to eligible public water systems to assist them with the expenses of planning, design and construction.

Clean Water Fund, low interest revolving loans revenue bonds (\$256.8 million unallocated; \$380.4 million in FY 14 and \$331.9 million in FY 15 proposed by the Governor) - The Revenue Bonds provide a low interest loan to municipalities for the project costs not covered by grant. The Drinking Water Fund is the State funding mechanism to assist public water systems with financing infrastructure upgrade needs to achieve and maintain compliance with the Safe Drinking Water Act requirement and

protect public health. Low interest loans are available to eligible public water systems to assist them with the expenses of planning, design and construction. The DPH's annual federal capitalization grants are leveraged using Revenue Bonds which provide additional funds for drinking water projects. This leveraging process is critical in order to meet Connecticut's drinking water infrastructure financing needs now and in the future. See Attachment A for funding needs for FY 14 and FY 15 wastewater projects.

See Appendix C for a list of Clean Water Fund projects for FY 14 and FY 15.

Recreation and Natural Heritage Trust Program - state open space program (\$5.75 million unallocated; \$10 million in both FY 14 and FY 15 proposed by the Governor) - DEEP uses these fund to acquire open space land and water access to add to the state's system of forests, parks, fisheries and natural resource management areas.

The current goal for 2023 is to preserve 21% or 673,210 acres of the state's land area as open space, which will consist of: (1) 10%, or 320,576 acres acquired by DEEP and (2) 11%, or 352,634 acres acquired by municipalities, nonprofit land conservation organizations and water companies. As of December 2011 DEEP estimated that the combined holdings of the state and municipal entities is approximately 8%, or 254,674 acres, which leaves an additional 65,902 acres to be acquired by 2023.

DEEP received the most recent allocation (\$6.25 million) for this program at the July 13, 2010 meeting of the State Bond Commission. The funds were completely expended by December 31, 2011 for the purchase of eight properties comprising approximately 558 acres.

The table below shows bond allocations for this program from FY 04 to the present.

**SBC Allocations for the Recreation and Natural Heritage Trust Program
from FY 04 to the Present (in millions)**

SBC Date	Amount \$
3/26/04	4.00
12/9/05	4.00
8/18/06	3.00
8/18/06	6.00
7/13/10	6.25
Total	23.25

Grants-in-aid to municipalities for open space land acquisition and development for conservation or recreation purposes - town open space program (\$8 million unallocated; \$10 million in each of FY 14 and FY 15 proposed by the Governor) - This program provides grants-in-aid to: (1) municipalities and nonprofit land conservation organizations to acquire land for open space and (2) water companies to acquire land to be classified as Class I or Class II water supply property.

**SBC Allocations for the Municipal Open Space Program
from FY 04 to the Present (in millions)**

SBC Date	Amount \$
2/4/05	5.5
2/29/08	5.0
12/16/11	5.0
Total	15.5

Question: Have all of the funds allocated at the December 16, 2011 SBC meeting been expended? How many acres were purchased?

State Parks Improvement Program (\$56.6 million unallocated) - These funds are used for renovations, alterations and new construction in state parks and other recreational facilities, including ADA access improvements. Projects are selected based on the 2020 State Park Facilities Improvement Plan and the Connecticut State Parks Infrastructure Conditions Assessment, which evaluated 51 state parks and forest recreation areas against an established infrastructure baseline. Priority is given to addressing public health and safety issues, building code and/or OSHA violations, and replacement of failing infrastructure. During FY 14, the state will celebrate the park system's 100th anniversary.

Question: How badly was the state park system damaged by recent weather events, including two hurricanes in the last two years, an ice storm and a blizzard?

Connecticut Bikeway, Pedestrian Walkway and Greenway Grant Program (\$2 million unallocated) - No funds have been allocated for this program since it was established in 2007.

This program will provide grants-in-aid to municipalities for planning, design, land acquisition, construction, construction administration and publications related to bikeways and multi-use paths. Eligible projects may include: (1) bicycle trails that complete sections of the Connecticut portion of the East Coast Greenway, (2) bikeways that connect to the East Coast Greenway and (3) bikeways or other multi-use paths established within the State Recreational Trails Plan.

DEEP has indicated that when it implements the program, it will advertise grant rounds and evaluate applications using a variety of eligibility criteria including: (1) a 20% local municipal match or a 10% regional municipal match, (2) municipal responsibility to maintain the bikeway or multi-use path, (3) public input and (4) designs that comply with the 1999 American Association of State Highway Transportation Officials "Guide for the Development of Bicycle Facilities". Priority will also be given to projects that complete existing Connecticut Greenways.

Question: Why hasn't this program been implemented? Have any municipalities contacted DEEP about applying for bikeway grants-in-aid?

Urban sites remediation (brownfields) - Grants-in-aid for containment, removal or mitigation of identified hazardous waste disposal sites (\$20 million unallocated; \$5 million in each of FY 14 and FY 15 proposed by the Governor) - The goal of the program is to facilitate redevelopment and economic revitalization in urban areas with contaminated sites known as brownfields. DEEP works in conjunction with the Office of Brownfield Remediation and Development at DECD to investigate and remediate contaminated sites in urban areas where the responsible party is unable or unwilling to conduct the work.

See Appendix D for a list of Urban Sites Remediation Program for FY 14 and FY 15.

State Superfund Program - Containment, removal or mitigation of identified hazardous waste disposal sites, and for grants-in-aid to municipalities for new water mains to replace water supplied from contaminated wells (\$17.5 million unallocated) - DEEP uses these funds for the State Superfund Program, which investigates and remediates hazardous waste and substance disposal sites that pose an unacceptable risk to human health and the environment, where a responsible party is not available to perform the needed work in a timely manner. In addition, the funds can be used to provide municipal grants-in-aid to install water lines in areas affected by contamination from a state Superfund site.

The funds are also used to provide the state's share of remedial action costs for federal superfund sites where the Environmental Protection Agency is funding and performing the remedial action (due to the absence of a viable responsible party). The state's share typically ranges from 10% to 50% of the costs, and is a statutory obligation in order to have the federal government pay the remainder of the cost.

DEEP evaluates hazardous waste sites for funding under this program by using a variety of criteria to calculate a superfund priority score. See Appendix E for DEEP's current list of projects that under the eligible Superfund Program.

Special Contaminated Property Remediation and Insurance Fund (SCPRIF) (\$1 million unallocated in FY 13) - These funds capitalize the SCPRIF Loan Program, which is administered by the SCPRIF Advisory Board and DECD. The program enables businesses and municipalities to borrow money to: (1) conduct environmental investigations, (2) perform lead paint and asbestos abatement and (3) demolition and (4) pay for costs related to the remediation of environmental pollution. The sites eligible for a SCPRIF loan may also be brownfields sites.

The most recent SBC allocation for SCPRIF was \$1 million in July 2011. DECD has identified the following projects as eligible for SCPRIF loans:

Projects Eligible for SCPRIF Loans

Town - Project	Amount \$
New Haven - First Cavalry Baptist Church	50,000
Hamden - Globe Metal Finishing	100,000

Town - Project	Amount \$
New Haven - Foster Street Group	50,000
FY 13 Projects Total	200,000

Dam repairs, including state-owned dams (\$7.4 million unallocated; \$6 million in FY 14 and \$5 million in FY 15 proposed by the Governor) - These funds are used to repair and modernize state-owned dams in compliance with the Army Corps of Engineers and state safety standards. In FY 09 the Inland Water Resources Division hired a consultant to inspect state-owned dams. The study resulted in the development of prioritized list of repairs of state-owned dams and an estimated cost for each project. The current estimated total is over \$7 million, which will increase as the dams continue to deteriorate over time and require more comprehensive reconstruction. DEEP initiates dam repair projects based upon: (1) risk of failure and the hazard that poses to downstream areas and (2) public safety concerns.

The state owns in excess of 260 dams, which create lakes and ponds that are used for a variety of purposes. In addition, DEEP is responsible for major repairs that are needed on dams owned by the Department of Corrections, the Department of Agriculture and Connecticut Valley Hospital (CVH).

See Appendix F for a list of state dam repair projects for FY 14 and FY 15

Various flood control improvements, flood repair, erosion damage repairs and municipal dam repairs (\$7.2 million unallocated; \$4.5 million in FY 14 and \$6.9 million in FY 15 proposed by the Governor) - The funds are used for: (1) the state's share of projects undertaken cooperatively with towns and the federal government for flooding, erosion and municipal dam repair projects and (2) state-owned flood control projects.

These funds are required for projects currently scheduled for study, design and implementation. In addition, these funds are used as matching funds for Federal Emergency Management programs and as such, it is necessary to have funds in place when flood events occur. The current unallocated balance (\$7.2 million in FY 13) will fund high priority projects anticipated during the current fiscal year; however demand can vary significantly due to the unpredictability of natural disasters.

See Appendix G for a list of flood control projects for FY 13, FY 14 and FY 15

Incinerators and landfills - Grants-in-aid to municipalities for improvements to incinerators and landfills, including but not limited to bulky waste landfills (\$1 million unallocated; \$1.4 million in FY 14 and \$1.0 million in FY 15 proposed by the Governor) - This program provides grants-in-aid to municipalities for improvements to incinerators and landfills. Future closures will be determined through a process of inspection, assessment of pollution potential, and evaluation of requirements of stewardship permits for the closure of landfills.

Question: How many municipal landfills are waiting for funding so they can be closed?

Potable Water Program (\$2.3 million unallocated; \$1.0 million in FY 15 proposed by the Governor) – These funds provide grants-in-aid to municipalities to address well water pollution problems when no responsible party can be found; or the responsible party has insufficient funds to cover the cost of providing an alternative water supply. Grant funds may be used to evaluate long-term water supply alternatives, and also for capital costs for implementing the preferred alternative.

See Appendix H for a list of FY 13 and FY 15 potable water projects.

Lakes Restoration Program (\$687,805 unallocated) - The program provides municipalities and lake associations with matching grants of 75% for lake water quality studies and 50% for lake restoration projects. The funds are used to abate lake eutrophication² problems by implementing recommendations from ongoing lake restoration studies. Lake restoration projects include dredging, algae control, storm water infrastructure improvements and aquatic weed eradication.

The unallocated funds will be used for projects at Lake Lillinonah, Beseck Lake, Highland Lake, Candlewood Lake, Pickerel Lake and Gardner Lake.

Grants-in-aid for: (1) for containment, removal or mitigation of identified hazardous waste disposal sites and to municipalities for new water mains to replace water supplied from contaminated wells, (2) for identification, investigation, containment, removal or mitigation of contaminated industrial sites in urban areas, (3) to municipalities for acquisition of land, for public parks, recreational and water quality improvements, water mains and water pollution control facilities, including sewer projects, (4) to municipalities for the purpose of providing potable water, and (5) to state agencies, regional planning agencies and municipalities for water pollution control projects (two similar accounts: \$42,000 unallocated and \$13 million unallocated)

These funds are used for grants-in-aid to towns for a variety of purposes. OPM has recommended that the \$42,000 balance be cancelled.

² Eutrophication is the depletion of oxygen in water. The process occurs when a body of water becomes rich in dissolved nutrients from fertilizers or sewage. It encourages the growth and decomposition of oxygen-depleting plant life, which harms to other organisms that breathe oxygen dissolved in the water.

Prior authorization that will become effective in FY 14 and FY 15

Underground Storage Tank (UST) Program (\$9 million in each of FY 14 and FY 15) - PA 12-189 authorizes \$36 million for the UST Program, with \$9 million provided in FY 13, FY 14, FY 15 and FY 16. The FY 13 funds have already been allocated by the SBC and are being used to pay the oldest claims awaiting payment. In January 2013 the program had approved claims totaling approximately \$20.6 million awaiting payment and claims of \$92.5 million waiting for audit, approval and payment.

Background for the UST Program:

The program is administered by the Department of Energy and Environmental Protection. It enables owners and operators of federally-regulated petroleum UST's (motor fuel, used oil, or heating oil for resale) to comply with financial-responsibility requirements and provides reimbursement to responsible parties and third parties to investigate and clean-up releases or suspected releases from USTs. Heating oil USTs for onsite heating are ineligible for this program.

PA 12-1 of the June Special Session, phases out the UST Program. It designates dates after which UST owners or operators can no longer rely upon the program to comply with financial responsibility requirements. After these deadlines, owners or operators must use other mechanisms to satisfy the fiscal responsibility requirements.

Appendix A
DEEP Earmarked Unallocated Bond Balances

Description	Bond Fund	Authorized Amount \$	Unallocated 2/25/13 \$
Study and assess feasible alternatives to plan, design, acquire and construct, as may be necessary, structural and nonstructural improvements to mitigate flooding conditions that caused property damage due to weather events in 2011, which shall include, but need not be limited to, a cost benefit analysis and an analysis of the environmental impact of such alternatives. PA 12-189, Sec. 9(b)(1)	12052(13)PA 12-189 9(b)(1)	2,000,000	2,000,000
Buy-out program for homeowners and businesses that receive Federal Emergency Management Agency funding related to property damage due to weather events in 2011 and subsequent years. PA 12-189, Sec. 39	12052(13)PA 12-189 39	2,000,000	2,000,000
Connecticut Institute of Water Resources (UConn) - Grant-in-aid for a study of river basins. PA 07-7, (JSS), Sec. 13(d)(9)	12052(08)PA 07-7 13(d)(9)	500,000	500,000
Branford - Grant-in-aid to Branford, for improvements to the football field at Branford High School. SA 05-1, (JSS), Sec. 32(d)(21)	12052(07)SA 05-1 32(d)(21)	150,000	150,000
Bristol - Grant-in-aid to Bristol for rehabilitation and renovation of Rockwell Park. SA 05-1, (JSS), Sec. 32(d)(39)	12052(07)SA 05-1 32(d)(39)	3,000,000	3,000,000
Bristol - Grant-in-aid to Environmental Learning Center, Inc. for infrastructure projects at Indian Rock Nature Preserve in Bristol. PA 07-7, (JSS), Sec. 13(d)(15)	12052(08)PA 07-7 13(d)(15)	200,000	200,000
Canterbury - Grant-in-aid to Canterbury for improvements to recreational facilities. SA 05-1, (JSS), Sec. 32(d)(13)	12052(07)SA 05-1 32(d)(13)	250,000	250,000
Chaplin - Grant-in-aid to Chaplin for replacement of a playscape at Garrison Park. SA 05-1, (JSS), Sec. 32(d)(37)	12052(07)SA 05-1 32(d)(37)	50,000	50,000
Cromwell - Grant-in-aid to Cromwell for improvements to parks and fields at Watrous Park, Cromwell middle and high schools and Pierson Park. SA 05-1, (JSS), Sec. 13(d)(29)	12052(06)SA 05-1 13(d)(29)	350,000	100,000

Description	Bond Fund	Authorized Amount \$	Unallocated 2/25/13 \$
Danbury - Grant-in-aid to Danbury for acquisition of the Terre Haute property in Danbury for open space. PA 07-7, (JSS), Sec. 13(d)(30)	12052(08)PA 07-7 13(d)(30)	2,000,000	2,000,000
East Hartford - Grant-in-aid to East Hartford for capping the East Hartford Landfill. SA 05-1, (JSS), Secs. 13(d)(5) & 32(d)(6)	12052(06)SA 05-1 13(d)(5) & 12052(07)SA 05-1 32(d)(6)	1,800,000	1,800,000
East Lyme - Grant-in-aid to East Lyme for the purchase of Oswegatchie Hills for open space. SA 05-1, (JSS), Sec. 13(d)(19)	12052(06)SA 05-1 13(d)(19)	2,000,000	2,000,000
Fairfield - Grant-in-aid to Fairfield for the Rooster River flood control project. PA 07-7, (JSS), Sec. 13(d)(34)	12052(08)PA 07-7 13(d)(34)	14,500,000	14,500,000
Guilford - Grant-in-aid to Guilford for preservation of the East River Preserve. PA 07-7, (JSS), Sec. 32(d)(10)	12052(09)PA 07-7 32(d)(10)	2,000,000	2,000,000
Ledyard - Grant-in-aid to Ledyard for a water main extension. SA 05-1, (JSS), Sec. 13(d)(20)	12052(06)SA 05-1 13(d)(20)	1,000,000	1,000,000
Lyme - Grant-in-aid to Lyme for improvements to the Lyme-Old Lyme recreational fields. SA 05-1, (JSS), Sec. 32(d)(18)	12052(07)SA 05-1 32(d)(18)	150,000	150,000
Manchester - Grant-in-aid to Manchester for development and construction of the Manchester to Bolton segment of the East Coast Greenway. PA 07-7, (JSS), Sec. 13(d)(25)	12052(08)PA 07-7 13(d)(25)	500,000	500,000
Meriden - Grant-in-aid to Meriden for flood control improvements and reuse of the Meriden Hub. PA 07-7, (JSS), Sec. 13(d)(32)	12052(08)PA 07-7 13(d)(32)	9,000,000	7,000,000
Middletown - Grant-in-aid to Middletown for watershed management at Crystal Lake. SA 05-1, (JSS), Sec. 13(d)(25)	12052(06)SA 05-1 13(d)(25)	50,000	50,000
New Britain - Grant-in-aid to New Britain for replacement of the Brooklawn Street Bridge on Willow Brook. PA 07-7, (JSS), Sec. 13(d)(8)	12052(08)PA 07-7 13(d)(8)	300,000	300,000
North Branford - Grant-in-aid to North Branford for development of the	12052(08)PA 07-7	439,025	439,025

Description	Bond Fund	Authorized Amount \$	Unallocated 2/25/13 \$
Swatchuk Property for active and passive recreation. PA 07-7, (JSS), Sec. 13(d)(11)	13(d)(11)		
Norwalk - Grant-in-aid to the Norwalk River Rowing Association, Inc., for a boathouse. SA 05-1, (JSS), Sec. 13(d)(14)	12052(06)SA 05-1 13(d)(14)	250,000	250,000
Norwalk - Grant-in-aid to Norwalk for improvements in the flood control system. PA 07-7, (JSS), Sec. 13(d)(33)	12052(08)PA 07-7 13(d)(33)	3,005,000	3,005,000
Norwich and Franklin - Yantic River flood control project. SA 92-3, (MSS), Sec. 2(g)(3)	3921SA 92-3 2(g)(3)	2,700,000	1,200,000
Portland - Grant-in-aid to Portland for replacement of water mains. PA 07-7, (JSS), Sec. 13(d)(40)	12052(08)PA 07-7 13(d)(40)	1,000,000	1,000,000
Preston - Grant-in-aid to Preston for demolition of the former Poquetanuck School. PA 07-7, (JSS), Sec. 13(d)(37)	12052(08)PA 07-7 13(d)(37)	250,000	87,500
Putnam - Grant-in-aid to Putnam for improvements to Murphy Park. SA 05-1, (JSS), Sec. 13(d)(16)	12052(06)SA 05-1 13(d)(16)	250,000	250,000
Rocky Hill - Grant-in-aid to Rocky Hill for improvements to Elm Ridge Park skate park. SA 05-1, (JSS), Sec. 13(d)(27)	12052(06)SA 05-1 13(d)(27)	100,000	100,000
Scotland - Grant-in-aid to Scotland for improvements to recreational facilities. SA 05-1, (JSS), Sec. 32(d)(12)	12052(07)SA 05-1 32(d)(12)	250,000	250,000
Simsbury - Grant-in-aid to Simsbury for infrastructure improvement in the Tariffville section. PA 07-7, (JSS), Sec. 13(d)(29)	12052(08)PA 07-7 13(d)(29)	200,000	200,000
Simsbury - Grant-in-aid to Simsbury for open space acquisition and farmland preservation at Meadow Wood. PA 07-7, (JSS), Sec. 32(d)(9)	12052(09)PA 07-7 32(d)(9)	500,000	450,000
South Windsor - Grant-in-aid to South Windsor for purchase or construction of a regional animal shelter. PA 07-7, (JSS), Sec. 13(d)(36)	12052(08)PA 07-7 13(d)(36)	500,000	500,000
Stamford - Grant-in-aid to Stamford for the Holly Pond Tidal Restoration project. SA 05-1, (JSS), Sec. 32(d)(19)	12052(07)SA 05-1 32(d)(19)	500,000	500,000

Description	Bond Fund	Authorized Amount \$	Unallocated 2/25/13 \$
Thomaston - Grant-in-aid to Thomaston for extension of a water main in the Jackson Street area. PA 07-7, (JSS), Sec. 13(d)(12)	12052(08)PA 07-7 13(d)(12)	1,756,100	1,756,100
Thompson - Grant-in-aid to Thompson for a hydroelectric feasibility study. SA 05-1, (JSS), Sec. 13(d)(18)	12052(06)SA 05-1 13(d)(18)	250,000	250,000
Thompson - Grant-in-aid to Thompson for improvements to recreational facilities. SA 05-1, (JSS), Sec. 32(d)(15)	12052(07)SA 05-1 32(d)(15)	250,000	232,600
Trumbull - Grant-in-aid to Trumbull for open space and trail development at Great Oak Park. PA 07-7, (JSS), Sec. 13(d)(35)	12052(08)PA 07-7 13(d)(35)	50,000	20,000
Wallingford - Grant-in-aid to Wallingford for renovations to the baseball field at Sheehan High School. SA 05-1, (JSS), Sec. 32(d)(25)	12052(07)SA 05-1 32(d)(25)	525,000	525,000
Wethersfield - Grant-in-aid for drainage and flood control improvements. SA 88-77, Sec. 23(j)(33)	1873(88)SA 88-77 23(j)(33)	1,750,000	436,907
Windham - Grant-in-aid to Windham for a feasibility study for a whitewater park in Willimantic. SA 05-1, (JSS), Sec. 13(d)(17)	12052(06)SA 05-1 13(d)(17)	450,000	450,000
Wolcott - Grant-in-aid to Wolcott for retirement of debt associated with installation of a waterline. PA 07-7, (JSS), Sec. 13(d)(21)	12052(08)PA 07-7 13(d)(21)	500,000	500,000

Appendix B Lead by Example Projects

Agency	Building Address	Project Name	Status
AES	123 Huntington Street, New Haven, CT 06511	Windows	Per meeting between DAS, DCS and AES on 2/1/13, AES will be initiating the window projects as a change order to an existing DCS building renovation project. This will not occur until May of 2013.
AES	153 Cook Hill Road, Windsor, CT 06095	Windows	see project above
AES	123 Huntington Street, New Haven, CT 06511	Dual Fuel Burners	Completed 11/21/12
AES	153 Cook Hill Road, Windsor, CT 06095	Lighting & Occupancy sensors	Completed 10/1/12
BOR	55 Paul Manafort Drive, New Britain CT 06053	Charter Oak -Occ. Sensor Install and HVAC Upgrades	TB Approved 2/26/13. To DEEP B.O. to send for signature.
CRDA	100 Columbus Boulevard, Hartford	Convention Center Retro-Commissioning Upgrade	TB approved internal routing MOA 3/7/13.
DAS	401 West Thames Street, Norwich, CT	Uncas Control Valves	Completed 6/1/12
DAS	401 West Thames Street, Norwich, CT	Uncas TVCCA Windows	In construction. Expect to be complete by 7/31/13.
DAS	401 West Thames Street, Norwich, CT	Uncas Domestic Hot Water Boiler	Completed 6/1/2012
DAS	165 Capitol Avenue, Hartford	SOB - Occupancy Sensors, Basement, Ground, First	Completed 6/1/2012
DAS	24-38 Wolcott Hill Road, Wethersfield, CT 06109	EMS, RA Conversion, Central Plant Fixture Replace	In design phase. 11/15/12 -F&O three months behind on this job. 50% of design deliverables have been submitted. DCS and DOC require using 100% outside air for this building and F&O has had a difficult time coming up with a solution.
DAS	110 Sherman Street, Hartford CT	Digital Electronic Control System	In construction. Expect to be complete by 12/31/12. Construction behind schedule. Completion to be verified at 3/8/13 CL&P inspection for incentives.
DAS	505 Hudson St., Hartford	Lighting Upgrade - Upper & Lower Garage	Completed 8/16/2012
DAS	18/20 Trinity Street	Replace VFDs and Pumps - Tie into BMS	Completed 7/17/2012
DAS	30 Trinity Street	VFD Installation and Tie into BMS	Completed 7/17/2012
DAS	505 Hudson Street, Hartford CT	High Efficiency Gas Fired Boilers	Completed 8/16/2012
DAS	79 Elm Street, Hartford, CT 06106	VAVs/FTUs/VFDs	Design Complete as of 10/8/12. Project bid on 10/16/12. Bids due 11/20/12. DCS to segregate LBE vs. DAS costs and forward bid and breakdown to DEEP.
DAS	165 Capitol Avenue, Hartford	Energy Study	In Study Phase.

Agency	Building Address	Project Name	Status
DCS	1000 Silver Street	DCS Juvenile Training School Fuel cell Study	Task Letter issued by DCS to F&O on 11/26/12. F&O has run into some issues regarding data tracking at CVH buildings as they are not separately metered. DCS is working through this issue with them 2/27/13.
DDS	67-87 Mountain Rd Newington CT 06111	Installation of EMS	Completed 2/26/13
DDS	146 Silvermine Road Norwalk, Ct 06850	Installation of EMS	Under construction - expect to be completed 6/30/13
DDS	195 Alvord Rd Torrington CT 06850	Installation of EMS	Under construction - expect to be completed 2/28/13
DDS	11450 S Britain Rd Southbury CT	Lighting at Power House	Allotment in place. MOA with DEEP B.O. to be sent to DDS for signature 2/28/13.
DDS	71 Mountain Road, Newington CT	Interior/Exterior Lighting Retrofit	Under construction - expected completion 6/30/13.
Deep	141 Trout Hatchery Road, Central Village, (Plainfield) CT 06332	Quinebaug Valley Trout Hatchery energy conservation	Design Contract reviewed by DCS legal week of 12/10/12. Comments need to be addressed and then next to SPRB.
DMV	173 Salem Turnpike, Norwich, CT	Lighting upgrade	Completed 10/18/12
DMV	150 Torrington Road, Winsted, CT 06098	Lighting Upgrades	TAC/OPM Approved 2/20/13. DCS to get quotes.
DOC	285 Shaker Road, Enfield, CT 06082	Robinson HVAC Rooftop Replacement	Completed 1/7/13
DOC	391 Shaker Road, Enfield	HVAC Rooftop Unit Replacement	Completed 7/1/2012
DOT	Various locations located throughout the State of Connecticut	Energy Efficiency Improvement at DOT Commuter Parking	MOA to N.L. for internal DEEP routing approval 2/27/13.
ECSU	High Street, Willimantic, CT 06226	ECSU - Allerton Building Automation System	Completed 7/1/2012
JUD	1 Courthouse Square, Norwich, CT 06360	LED Lighting Retrofit	Completed 7/1/2012
JUD	1 Court Street, Middletown, CT 06457	Middletown Courthouse Garage Lighting Retrofit	Completed 12/17/12
JUD	172 Golden Hill Street, Bridgeport	GA 2 Lighting Retrofit	In Design Phase
JUD	1061 Main Street, Bridgeport	Fairfield JD Lighting Retrofit	In Design Phase
JUD	231 Capitol Ave, Hartford	Supreme Court/State Library Lighting Retrofit	MOA signed by Judicial 2/28/13. to DEEP B.O. same day.
JUD	400 Grand Street, Waterbury, CT 06702	Waterbury Courthouse Garage Lighting Retrofit	Under construction - estimated completion 2/28/13. Due to snow storm project has slipped one week. Should be completed 3/8/13.
MHA	500 Vine Street, Hartford	Hot Water DDC Controls	Completed 2/14/13

Agency	Building Address	Project Name	Status
MHA	1635 Central Avenue, Bridgeport, CT 06610	Control System/Gas Condensing Boilers/Condensers	F&O has been selected for design and will be submitting a design fee/scope in early January (F&O indicates fee proposal will be submitted 2/12/13). MHA & DCS have reviewed a draft MOA and approved. It will be a three party MOA. Per e-mail from D. Elwell on 2/21/13 it appears DCS has a final quote from F&O for design. DK requested a copy from S. Murphy so the MOA can be initiated and executed.
MHA	1000 Holmes Drive, Middletown, CT 06457	RVS - Dutton Home Attic Insulation	Completed 1/14/13
MHA	1000 Holmes Drive, Middletown, CT 06357	Shepherd Home Upgrades - Stem Traps/windows/attic insulation	TAC/OPM approved 1/31/13. MHA to get quotes.
MHA	162 Cedar Lane, Middletown, CT 06357	Water Treatment Facility Pump Upgrades	TAC/OPM approved 1/31/13. MHA to get quotes.
OPM	615 Silver Lane East Hartford, CT 06118	Aggregated Efficiency Measures Project	RFP for construction posted on 2/28/13.

APPENDIX C
FY 14 and FY 15 Clean Water Fund Projects

		FY 14			FY 15		
Category	Project Name	GO Bonds	Revenue Bonds	Total	GO Bonds	Revenue Bonds	Total
Planning Grants		5.0	0.0	5.0	5.0	0.0	5.0
Small Community Project	Old Lyme	3.3	9.8	13.0	-	-	-
Small Community Project	Marlborough	1.8	5.3	7.0	-	-	-
Small Community Project	Sprague	3.0	9.0	12.0	-	-	-
Small Community Project	New Hartford	-	-	-	1.0	3.0	4.0
Small Community Project	Old Saybrook	-	-	-	2.5	7.5	10.0
CSO Design		10.0	10.0	20.0	10.0	10.0	20.0
WPCF Design		1.8	6.2	8.0	1.8	6.2	8.0
Pump Station		0.0	10.0	10.0	0.0	10.0	10.0
WPCF Generators		2.0	8.0	10.0	2.0	8.0	10.0
Infiltration/Inflow		0.0	45.0	45.0	0.0	45.0	45.0
Sewers		0.0	30.0	30.0	0.0	30.0	30.0
Construction Projects							
MDC	WPCF	74.8	250.3	325.0	27.8	93.2	121.0
Bridgeport	WPCF	9.2	30.8	40.0	-	-	-
Middletown	WPCF	2.3	7.7	10.0	-	-	-
Norwich	WPCF	21.6	72.4	94.0	-	-	-
Killingly	WPCF	-	-	-	6.5	21.8	28.3
Waterbury	WPCF	-	-	-	8.4	19.6	28.0
Phosphorus Removal	WPCF	6.0	14.0	20.0	6.0	14.0	20.0
Bridgeport	CSO	7.5	7.5	15.0	7.5	7.5	15.0
New Haven	CSO	5.0	5.0	10.0	5.0	5.0	10.0
MDC	CSO	40.0	40.0	80.0	215.0	215.0	430.0
Clean Water Fund Total		193.2	560.8	754.0	298.6	495.7	794.3
Additional from Drinking Water Fund		2.0	62.4	64.4	2.0	71.2	73.2
Total		195.2	623.2	818.4	300.6	566.9	867.5
CSO - Combined Sewer Overflow							
WPCF - Water Pollution Control Facility							

APPENDIX D
FY 14 Urban Sites Remediation Projects

TOWN - PROJECT NAME	AMOUNT (\$)	DESCRIPTION
Statewide new Urban Sites Projects	3,500,000	Remedial investigation, design and/or action at sites identified in conjunction with DECD. This allocation is essential to provide necessary funding to help spur projects like the Conco site in Bridgeport, and the 424 Grand Avenue project in New Haven.
Putnam - Cargill Falls Mill	500,000	Funding for site investigation and remediation activities
Waterbury- Waterbury Industrial Commons	1,000,000	Funding for site investigation and remediation activities
Hartford- Parkville Municipal Development plan area	200,000	Funding for site investigation.
FY 14 Total	5,200,000	

FY 15 Urban Sites Remediation Projects

TOWN - PROJECT NAME	AMOUNT (\$)	DESCRIPTION OF PROJECT
Statewide new Urban Sites Projects	4,100,000	Remedial investigation, design and/or action at sites identified in conjunction with DECD. This allocation is essential to provide necessary funding to help spur projects like the Conco site in Bridgeport, and the 424 Grand Avenue project in New Haven.
Sprague - Baltic Mills	500,000	Funding for site investigation and remediation activities.
Seymour - Former Seymour Lumber site	200,000	Funding for site investigation and remediation activities.
Griswold - Triangle Wire site	200,000	Funding for site investigation and remediation activities on municipally owned parcel.
FY 15 Total	5,000,000	

APPENDIX E
State Superfund Priority List

Project-Location	
1	Swift J. Chemical Co. - 51 Albany Avenue, Canton
2	Phillips Property - SW corner of intersection of North Colony Rd. & Hick Rd., Meriden
3	South Pine Creek Disposal Area - Lot 100, Map 232 on S. Pine Creek Rd., Fairfield
4	Mitral Corporation - 29 County Line Road, Harwinton
5	Starr Property - Simon Road, Enfield
6	Solvents Recovery Service of New England - Lazy Lane, Southington (also a Federal Superfund Site)
7	Raymark Industries Inc. - Waste Disposal Sites, Stratford (also a Federal Superfund Site)
8	Rye Hill Circle Area and Osborn CT Correctional Institution - Bilton Road, Somers
9	Terryville - 309 Town Hill Road Area, Plymouth
10	Higganum Cove - 19 Nosal Road, Haddam
11	McDonough School - 100 Wilson Avenue, Hartford
12	Packer Road Landfill (aka Yaworski Landfill) - Packer Road, Canterbury
13	Newhall Remediation Project, Hamden
14	Tylerville Area, Haddam
15	Millbrook Condominiums (aka Broad Brook Mill), East Windsor

APPENDIX F
State Dam Repair Projects

Dam	Municipality	Risk	Phase	Amount (\$)
FY 14 Projects				
Great Hill Dam	Portland	High	Design	100,000
Collinsville Dam Upper	Canton	Med	Design	125,000
Gardner Lake	Salem	Med	Design	100,000
Peck Pond	Putnam	Med	Eng Study/Design	75,000
On-call Engineering Services	Statewide	High	Study/Design	250,000
Upper/Lower Slater	Griswold	High	Construction	937,500
North Farms Reservoir	Wallingford	Med	Construction	750,000
Gardner Lake	Salem	Med	Construction	625,000
Dobsonville/Talcottville Pond Dams	Vernon	High	Construction	1,125,000
Brewster Pond	Lebanon	High	Design	100,000
Seymour Reservoir #1	Oxford	High	Construction/Breach	525,000
CVH Dams	Middletown	High	Construction	1,125,000
Bolton Notch	Bolton	Med	Construction/Removal	450,000
Total FY 14				\$6,287,500
FY 15 Projects				
Stratton & Great Pond Dams	Simsbury	Med	Construction	575,000
Great Hill Dam	Portland	High	Construction	562,500
Collinsville Dam Upper	Canton	Med	Construction	475,000
Gardner Lake	Salem	Med	Construction	625,000
Peck Pond	Putnam	Med	Construction	400,000
On-call Engineering Services	Statewide	High	Study/Design	250,000
Minor Dam Repairs & Vegetation Clearing	Statewide	High	Construction	800,000
Woodcock Pond Dam	Wilton	Med	Land acquisition, permits & construction	750,000
McDougal Pond Dam	No. Stonington	Low	Study	37,500
Asseconk Swamp Dam	No. Stonington	Med	Design	62,500
Powers/Gorton/Pattagansett Ponds	East Lyme	Med	Design	125,000
Asseconk Swamp Dam	No. Stonington	Med	Construction	250,000
Powers/Gorton/Pattagansett Ponds	East Lyme	Med	Construction	550,000
Total FY 15				\$5,462,500

APPENDIX G
Flood Control Projects

FY 13 Flood Control Projects					
Project	Funding	Town	Priority	Phase	Amount \$
Park River Flood Control Project	State-owned	Hartford/ W. Hartford/ Newington	High	Construction Administration	869,000
Emergency Watershed Protection Contracts	Match funds for federal programs	Statewide	High	Design Construction	250,000
Waterbury/Watertown Levee, Phase 2 Design	State-owned	Waterbury/Watertown	High	Design	100,000
Dayton Hill Pond	Municipal cost-share	Wallingford	High	Construction	600,000
Staffordville Pond Dam repair	Municipal cost-share	Stafford	High	Construction	356,549
Lake Bunggee Dam	Municipal cost-share	Woodstock	Med	Construction	150,000
Sucker Brook Flood Control Project	State-owned	Winchester	High	Construction	207,500
Municipal Levee Repairs	Municipal cost-share	Statewide	High	Design Construction	2,000,000
Valley Falls Dam	Municipal cost-share	Vernon	Med	Construction	553,500
Steele Brook Flood Control	Municipal cost-share	Watertown	Med	Study/Design	250,000
Pequabuck River Flood Study	Municipal cost-share	Bristol/Plainville	High	Study/Design	250,000
Weepawaug River Flood Control Study	Municipal cost-share	Orange	Med	Study	65,000
Lee Brook Pond & Long Pond Dams	Municipal cost-share	Ledyard	Med	Design	200,000
Shunock River Dam (aka Lewis Pond Dam)	Municipal cost-share	North Stonington	High	Design Construction	250,000
Mianus Park Pond Dam	Municipal cost-share	Greenwich	Med	Construction	880,000
East Pond Dam	Municipal cost-share	Greenwich	Med	Construction	180,125
TOTAL FY 13					7,161,674

FY 14 Flood Control Projects					
Project	Funding	Town	Priority	Phase	Amount \$
Great Creek Tide Gate Restoration	State-owned	Milford	High	Construction	500,000
Foster Pond Dam	Municipal cost-share	Meriden	Med	Design Construction	757,000
Camp Alice Merit and Berg Pond Dams	Municipal cost-share	Hartland	Med	Design Construction	200,000
Witches Woods Dam (Lower Bungee Lake Dam)	Municipal cost-share	Woodstock	Med	Construction	169,852
Walker Reservoir Dam	Municipal cost-share	Vernon	Med	Investigation	50,000
Long Meadow Pond Dam	Municipal cost-share	Bethlehem	High	Design	93,750
Tift Pond Dam	Municipal cost-share	Mansfield	Med	Design Construction	218,600
North Branch Park River	State-owned	Bloomfield	Med	Demolition	26,000
Emergency Operation Plans for state dams	State-owned	Statewide	High	N/A	250,000
Stafford F/C Channel	Municipal cost-share	Stafford	High	Design	100,000
Webster/Piper Brook	Municipal cost-share	Newington	Med	Design	55,000
Silvermine River	Municipal cost-share	Norwalk	Med	Construction	65,000
Ox Hill Brook Flooding	Municipal cost-share	Norwich	Med	Design Construction	385,000
Weepawaug River Flood Control Study	Municipal cost-share	Orange	Med	Design	100,000
Pardee Brook	Municipal cost-share	Hamden	Med	Design Construction	415,000
Fitchville Pond Dam	Municipal cost-share	Bozrah	Med	Construction	800,000
Keeler's Brook Flood Study	Municipal cost-share	Norwalk	Med	Design	75,000
Hanover Pond Dam Rehabilitation (earmark)	Municipal cost-share	Meriden	earmark	Construction	500,000
Total FY 14					4,760,202

FY 15 Flood Control Projects					
Project	Funding	Town	Priority	Phase	Amount \$
Emergency Watershed Protection Contracts	Match funds for federal	Statewide	High	Design Construction	250,000
Waterbury/Watertown Levee	State-owned	Waterbury	High	Construction	500,000
Stafford F/C Channel	Municipal cost-	Stafford	High	Construction	900,000
Webster/Piper Brook	Municipal cost-	Newington	Med	Construction	350,000
Long Meadow Pond Dam	Municipal cost-	Bethlehem	High	Construction	450,000
Weepawaug River Flood Control Study	Municipal cost-	Orange	Med	Construction	750,000
Steele Brook Flood Control	Municipal cost-	Watertown	Med	Construction	750,000
Lee Brook Pond & Long Pond Dams	Municipal cost-	Ledyard	Med	Construction	500,000
Keeler's Brook Flood Study	Municipal cost-	Norwalk	Med	Construction	300,000
Municipal Flood & Erosion Control & Dam projects (unspecified)	Municipal cost-sharing	Statewide	High	Design Construction	2,000,000
Emergency Operations Plans for State Flood Control Projects	State-owned	Statewide	High	Emergency Plan	150,000
Total FY 15					6,900,000

APPENDIX H
FY 13 and FY 15 Potable Water Projects

Town - Project	Amount (\$)	Description
FY 13		
New Fairfield- Rte 37 & Rte 39 intersection	1,600,000	water main extension
Torrington- East Main Street	50,000	study of water supply alternatives
Danbury- Bullet Hill Road	100,000	filter operation, maintenance & operation, study of water supply alternatives
Marlborough - Quinn Road area	10,000	filter operation, maintenance & operation
Naugatuck - Karo Manufacturing (David Street Area)	100,000	continued monitoring until water main extension & lateral connections
Plainfield - Pinecrest Drive	60,000	filters - operation & maintenance
Weston - Weston Valet Area	75,000	filters - operation & maintenance
Cheshire/Waterbury-WD Stanley	280,000	water main extension
Wolcott - Munson Road	85,000	water main extension
Franklin- Pond Road	20,000	filters - operation & maintenance
Future potable water projects	500,000	unanticipated projects, requiring filter systems or extension of public water systems
FY 13 Total	2,880,000	
FY 15 Projects		
East Hampton - Summit Street area	100,000	maintenance & monitoring of filter systems; extension of public water
Future potable water projects	1,000,000	unanticipated projects, requiring filter systems or extension of public water systems
FY 15 Total	1,100,000	