



DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION

Finance, Revenue, and Bonding General Obligation
Bonding Subcommittee Meeting – March 20, 2023

DEEP Capital Programs

Alterations, renovations and new construction at state parks and other recreation facilities including Americans with Disabilities Act improvements	2
Clean Water Fund GO - Grants-in-aid to towns.....	3
Connecticut bikeway, pedestrian walkway, recreational trail and greenway grant program	4
Dam repairs, including state-owned dams	4
Energy efficiency in State buildings	5
For the purpose of providing matching funds necessary for municipalities, school districts and school bus operators to submit federal grant applications in order to maximize federal funding for the purchase or lease of zero-emission electric school buses and electric vehicle charging infrastructure	6
For water pollution control projects at state facilities	7
Grants-in-aid for containment, removal or mitigation of identified hazardous waste disposal sites.....	8
Grants-in-aid for identification, investigation, containment, removal or mitigation of contaminated industrial sites in urban areas	9
Grants-in-aid to municipalities for improvements to incinerators and landfills, including but not limited to bulky waste landfills	10
Grants-in-aid to municipalities for open space land acquisition and development for conservation or recreational purposes	10
Microgrid and resilience grant and loan program	12
PFAS - Grants-in-aid to municipalities for the purpose of providing potable water and for assessment and remedial action to address pollution from perfluoroalkyl and polyfluoroalkyl containing substances.....	12
Recreation and natural heritage trust program for recreation, open space, resource protection and resource management.....	13
Various flood control improvements, flood repair, erosion damage repairs and municipal dam repairs .	14
Clean Water Fund Revenue - Low-interest loans to towns	15

Alterations, renovations and new construction at state parks and other recreation facilities including Americans with Disabilities Act improvements

This DEEP Infrastructure Program provides funding for alterations, renovations and new construction at State Parks & Forests, as well as Wildlife Management Areas, Fisheries and other recreation facilities, including Americans with Disabilities Act Improvements.

This is the only Capital Budget Program for renovations, alterations and new construction in State parks and other recreational facilities, including ADA access improvements. Project selection is drawn from proposals from across the agency's infrastructure needs. DEEP has implemented a system that utilizes tools and processes similar to that used by the National Park Service to evaluate and prioritize infrastructure needs. The program includes project concept/scoring forms to act as an initial step in identifying agency needs, and prioritization is given to addressing health and safety issues, building code/OSHA violations, replacement of failing infrastructure and cultural resource impacts. We also have instituted changes to improve public awareness of our projects and the historic investments being made, particularly in our state park and forest system. We now have a [public-facing web page](#) which provides information about the priority projects we are undertaking as part of the **RestoreCT State Parks** initiative.

The Department was allocated \$15M at the 7/29/22 State Bond Commission Meeting with a remaining amount of \$15M of unallocated funds. The Agency expects to present an additional request to the Bond Commission within the next couple of months for continued support of projects ready to go. All of the current available funds have been allocated to specific projects. DEEP has identified projects totaling over \$191,000,000 in infrastructure needs. The remaining \$15M in unallocated funds and continued infrastructure support through future authorizations will help to transform and restore critical infrastructure throughout the Agency.

For programs with unallocated balances:

1. *Do you need the unallocated balance?* **Yes**
 - a. *If so, for what purpose?* **DEEP has identified projects totaling over \$191,000,000 in infrastructure needs. The remaining \$15 M in unallocated funds and continued infrastructure support through future authorizations will help to transform and restore critical infrastructure throughout the Agency.**
 - b. *Within what time frame?* **The Agency expects to present an additional request to the Bond Commission within the next few months for continued support of projects ready to go.**
2. *Are the unallocated funds obligated, designated, or otherwise attached to projects, or are funds available for future needs as they arise?* **Once approved by the Bond Commission, funds will be assigned to projects.**
 - a. *If attached to projects, please provide information on the projects.* **List to be provided**
3. *Allocation of Funds*
 - a. *When was the last time funds for the program were allocated, if ever?* **7/29/22**

- b. Have the funds been requested for allocation by the bond commission? If so, how much and when? *\$15M 7/29/2022*
4. What impediments, if any, have there been in accessing and using the unallocated bond funds? *N/A*
5. If new or increased bond authorizations have been proposed for FY 24 or FY 25, what expansion or increase of projects is expected and how quickly are the new funds anticipated to be needed? *The funds will be used immediately based on availability and level of the authorization. List to be provided.*

Clean Water Fund GO - Grants-in-aid to towns

- Do you need the unallocated balance? *Yes*
 - If so, for what purpose? *While some of the projects targeted on the F22/23 CWF Priority List are under agreement, an additional \$180 million in grants (derived from GO Bonding) will be expended to fund the remaining projects.*

GO bonding is critical to ensure that the Clean Water Fund, managed by the Office of the Treasurer, remains strong and capable of meeting Connecticut's wastewater infrastructure needs. These wastewater needs continue to be significant, as evidenced by combined sewer system needs highlighted during climate-induced rain events causing sewer overflows and backups.

 - Within what time frame? *As projects on the current CWF Priority List go under contract, additional GO Bonds will be needed to capitalize the Clean Water Fund. The COVID-19 pandemic and associated supply chain issues have slowed many construction-ready Clean Water projects. Based on conversations with municipalities, DEEP believes that several projects will be moving forward in the next several months.*
- Are the unallocated funds obligated, designated, or otherwise attached to projects, or are funds available for future needs as they arise? *Yes. These funds will be the support for the current and next CWF Priority List. Having these funds available ensures municipalities that the state will be able to partner in their efforts to update public sewer infrastructure.*
 - If attached to projects, please provide information on the projects. [see link to FY22/23 CWF Priority List](#)
- Allocation of Funds
 - When was the last time funds for the program were allocated, if ever? *In the 12/21/21 Bond Commission, \$60 million was allocated for GO – Allotted on 2/17/2022*
 - Have the funds been requested for allocation by the bond commission? If so, how much and when? *DEEP in coordination with the Office of the Treasurer regularly requests GO and Revenue bonding needed to maintain the strength of the Clean Water Fund.*
- What impediments, if any, have there been in accessing and using the unallocated bond funds? *Progress on Clean Water Fund projects slowed down during the pandemic. As the pandemic began to wane in 2022, record inflation and supply chain issues further delayed construction schedules. The CWF FY22/23 Priority List was more expansive than recent priority lists to account for this pent-up need for municipal support for public sewage infrastructure projects.*

- *If new or increased bond authorizations have been proposed for FY 24 or FY 25, what expansion or increase of projects is expected and how quickly are the new funds anticipated to be needed? An additional \$105 million in GO was included in the Governor's Capital Budget proposal for FY24 and FY25. As inflation eases and supply chain issues begin to resolve, it is expected that the pace of construction projects will speed up so that the new funds can be expended within the new few years.*

Connecticut bikeway, pedestrian walkway, recreational trail and greenway grant program

As documented by the DEEP's Statewide Outdoor Recreation Plan, recreational trails continue to be a priority for Connecticut residents. As recreational trails are becoming more popular, they are also being integrated into economic development, public health and alternative transportation, in CT and nationwide. State Bond funds were authorized in FY07 and FY16, in part, due to diminishing Federal funding sources. DEEP, in partnership with CT DOT, Municipalities and other partners, has utilized the Bond funds to develop a Statewide Recreational Trails/Bikeways Grant Program. In the 2021 grant round, there were 65 applicants requesting a total of \$22M, demonstrating the tremendous need for funding of these important projects. The increase in funding requested for FY24 and FY25 will continue this very successful program.

During the 7/29/22 State Bond Commission Meeting \$9,000,000 was allocated to the Statewide Recreational Trails/Bikeways Grant Program. A grant round for the \$9,000,000 was opened on December 1, 2022. Outreach to promote and support the grant round included a public webinar on January 11, 2023 which had over 150 attendees and was recorded and provided on the [DEEP CT Recreational Trail Grant Page](#) with access to a GIS Story map developed to support applicants. The grant round closed on March 1, 2023. A program record of 100 grant applications were received, with a total requested value of over \$29M.

DEEP Trails and Greenways staff are currently reviewing and scoring grant applications with the established grant review guidelines provided within the application. Highly ranked proposals will be evaluated and discussed in detail with the CT Greenways Council at meeting set for 3/23/2023 and 4/6/2023. CTDOT has also been contacted and asked to review and provide feedback application proposals.

There are currently no unallocated balances

Dam repairs, including state-owned dams

- *Do you need the unallocated balance? Yes*

- If so, for what purpose? *For the ongoing need to inspect and repair the over 300 dams owned by the State of Connecticut.*
- Within what time frame? *DEEP makes requests for bond funds to develop projects, construct repairs, and inspect dams. The need is continual.*
- Are the unallocated funds obligated, designated, or otherwise attached to projects, or are funds available for future needs as they arise? *No unallocated funds are obligated. However, these funds are required for future projects, either planned or time-critical.*
 - If attached to projects, please provide information on the projects. *N/A*
- Allocation of Funds
 - When was the last time funds for the program were allocated, if ever? *May 2022*
 - Have the funds been requested for allocation by the bond commission? If so, how much and when? *\$400,000 May 2022. No requests pending.*
- What impediments, if any, have there been in accessing and using the unallocated bond funds? *None*
- If new or increased bond authorizations have been proposed for FY 24 or FY 25, what expansion or increase of projects is expected and how quickly are the new funds anticipated to be needed? *The need for bond funds to repair state owned dams is ongoing. Typical dam repair projects take two to three years to complete.*

Energy efficiency in State buildings

GreenerGov a Lead By Example Initiative, is a program to get our state buildings to be more sustainable through energy efficiency upgrades, renewable technology, transportation, water and waste conservation. This program is important, because it provides funding to state agencies that do not have the resources to fund projects themselves. Through this program, we have been able to save over \$10M in energy costs and save over 2 million mmBTU's in energy savings. We've reduced our greenhouse gas (GHG) emissions by 10% from a fiscal year 19 baseline. This program is helping us reach our goals of reduce GHG, waste, and water consumption.

For programs with unallocated balances:

1. Do you need the unallocated balance? *Yes*
 - a. If so, for what purpose? *The purpose of the unallocated funds is to support the increase in project cost of the 24 Level 2 ASHRAE Energy Audits that were conducted, lighting projects at DOT Facilities, installation of 8 EV Charging Stations at DOT Wallingford Facility, and to hire a consultant for the Decarbonization Plan required by DEEP and DAS per Executive Order 21-3*
 - b. Within what time frame? *DEEP is currently seeking the full unallocated balance to fund the above projects and hope to get onto the next bond agenda.*
2. Are the unallocated funds obligated, designated, or otherwise attached to projects, or are funds available for future needs as they arise? *They are obligated and attached to projects that have been approved.*
 - a. If attached to projects, please provide information on the projects.
 - i. Energy Audits and other energy efficiency projects
3. Allocation of Funds

- a. When was the last time funds for the program were allocated, if ever? *July 2022 Bond Commission Meeting*
 - b. Have the funds been requested for allocation by the bond commission? If so, how much and when? *Yes, \$15,786,716.03 was requested and released to fund energy efficiency projects that were approved*
4. What impediments, if any, have there been in accessing and using the unallocated bond funds?

The state has implemented several goals to reduce our greenhouse gas emissions, water, waste, and to decarbonize our buildings and get away from fossil fuel energy. This effort requires a lot planning, auditing of buildings, designing, and implementing sustainable projects across state government. We only get a limited amount of funding each year to implement these projects and we must be strategic of what we can do with that until more funding is awarded. Project get put on hold when there is no funding available, which in turn can lead to increase in project costs. Above what was already approved for. Having access to the funding will allow us to avoid unnecessary increase in costs.

5. If new or increased bond authorizations have been proposed for FY 24 or FY 25, what expansion or increase of projects is expected and how quickly are the new funds anticipated to be needed?

If new or increased bond authorization is proposed, the new funds would be needed quickly, as we work towards implementing sustainable projects through state buildings. The funding would allow us to fund additional energy audits at buildings, implement projects with the utilities, and get us closer to our climate goals.

For the purpose of providing matching funds necessary for municipalities, school districts and school bus operators to submit federal grant applications in order to maximize federal funding for the purchase or lease of zero-emission electric school buses and electric vehicle charging infrastructure

- Do you need the unallocated balance? *Yes*
 - If so, for what purpose? *These funds are necessary for DEEP to establish the grant program required by PA 22-25, section 13(d). USEPA is awarding \$5billion over 5 years to municipalities, school districts and school bus operators for electric school buses and associated infrastructure.*
 - Within what time frame? *EPA awarded \$8.81M for 28 electric school buses in "[prioritized school districts](#)" in Connecticut as part of round one of five. Workplans for these projects are due to EPA on April 28, 2023 (however EPA has granted a 3-month extension to the largest, 25 bus, awardee), after which time DEEP will have a better understanding of uncovered costs that will require grant support. In November of 2022 EPA announced funding under the Clean School bus program for four school districts in Connecticut. Districts that were awarded with the \$8.8 million were Falls Village Regional School District 1, Sharon Regional District No. 1, Cornwall School District and Hartford/Connecticut Technical Education and Career System. Falls Village Regional School District 1, Sharon Regional District No. 1 and Cornwall School District were*

awarded \$395,000 to purchase 1 school bus. Hartford/Connecticut Technical Education and Career System was awarded \$7,625,000 to purchase 25 school buses.

- Are the unallocated funds obligated, designated, or otherwise attached to projects, or are funds available for future needs as they arise? *No unallocated funds are obligated. However, these funds are required to assist municipalities and student transportation providers complete school bus electrification projects.*
 - If attached to projects, please provide information on the projects.
- Allocation of Funds
 - When was the last time funds for the program were allocated, if ever? *NA.*
 - Have the funds been requested for allocation by the bond commission? If so, how much and when? *No requests pending, but DEEP anticipates submitting a request this spring/summer.*
- What impediments, if any, have there been in accessing and using the unallocated bond funds? *None*
- If new or increased bond authorizations have been proposed for FY 24 or FY 25, what expansion or increase of projects is expected and how quickly are the new funds anticipated to be needed? *DEEP will have a better understanding of additional funding needs as EPA continues to roll out the Clean School Bus grant program. Funding levels for similar programs tend to become less generous in subsequent rounds, which could increase the need for additional state funding to meet the requirements of PA 22-25, section 13.*

For water pollution control projects at state facilities

- Do you need the unallocated balance? *Yes*
 - If so, for what purpose? *This program provides funding for the planning, design and construction of pollution abatement facilities for State agencies, as well as funding for regional engineering reports. "Pollution abatement facility" is defined in section 22a-423 as facilities for the collection and treatment of wastewater. State agencies that have received grants in the past include DMH, DMR, DDS, UConn and DEEP.*
 - Within what time frame? *This need is continual and is the only source of funding for water pollution control for some agencies.*
- Are the unallocated funds obligated, designated, or otherwise attached to projects, or are funds available for future needs as they arise? *No unallocated funds are obligated. However, these funds are required for future projects, either planned or time-critical.*
 - If attached to projects, please provide information on the projects.
- Allocation of Funds
 - When was the last time funds for the program were allocated, if ever? *July 21, 2020*
 - Have the funds been requested for allocation by the bond commission? If so, how much and when? *Currently there is no pending request although the Department is prioritizing a list of water pollution related projects for bond commission consideration.*
- What impediments, if any, have there been in accessing and using the unallocated bond funds? *N/A*
- If new or increased bond authorizations have been proposed for FY 24 or FY 25, what expansion or increase of projects is expected and how quickly are the new funds anticipated to be needed? *The need for bond funds to complete emergency septic repairs, develop studies, expand and connect sewer services, where available, for various state properties is on-going.*

Grants-in-aid for containment, removal or mitigation of identified hazardous waste disposal sites

- Do you need the unallocated balance? **Yes**
 - If so, for what purpose? **Remedial construction cost-share and long-term operation of remedial systems**
 - Within what time frame? **Current and on-going need**
- Are the unallocated funds obligated, designated, or otherwise attached to projects, or are funds available for future needs as they arise? **Yes. Unallocated funds cover DEEP's 10% cost share with EPA and are needed to ensure remedy construction at critical projects (Durham Meadows Superfund Project, Durham, and Raymark Superfund Project, Stratford) remains on course, as multi-year construction continues.**
 - If attached to projects, please provide information on the projects. **Durham Meadows site, located in the center of Durham, includes an area of groundwater contamination that is generally centered on Main Street. The site includes the historic main street area and contains numerous industrial and residential properties. Groundwater polluted with chlorinated solvents resulted from past operations of the Durham Manufacturing Company and Merriam Manufacturing. Both manufactured metal cabinets, boxes and other metal items. Part of the remedy for this site has been the construction of a large water holding tower, extension of several miles of public water main, followed by connection of public water laterals to provide potable water to impacted properties. Raymark Industries was a manufacturer of automotive brakes and clutches from 1919-1989. This operation generated a waste product that included PCBs, asbestos, lead and copper. The Superfund site requires environmental cleanup of Raymark Waste that was historically deposited at 46 residential properties, multiple town-owned properties, numerous commercial properties, and wetlands.**
- Allocation of Funds
 - When was the last time funds for the program were allocated, if ever? **May of 2022 was the most recent funding request of Bond Commission for Raymark Superfund. Additional allocation request is anticipated in Summer of 2023.**
 - Have the funds been requested for allocation by the bond commission? If so, how much and when? **DEEP requested \$3,482,000.**

Prior State Authorizations	Fund-SID	FY	Authorized	Unallocated Amount	
PA 07-7, Sec. 32(d)(2)	12052-43155	09	17,500,000	-	
PA 11-57, Sec. 13(a)(1)	12052-43505	12	0	0	PA 16-4, Sec. 13
PA 11-57, Sec. 32(a)(1)	12052-43505	13	5,000,000	1,518,000	PA 15-1, Sec. 20
PA 17-2, Sec. 389©(3)	12052-43726	18	2,500,000	2,500,000	
PA 21-111		2022	5,000,000	5,000,000	
PA 21-111		2023	5,000,000	5,000,000	
				14,018,000	

- What impediments, if any, have there been in accessing and using the unallocated bond funds? **None**
 - If new or increased bond authorizations have been proposed for FY 24 or FY 25, what expansion or increase of projects is expected and how quickly are the new funds anticipated to be needed?

Allocation of funds will be needed as requested by DEEP to maintain remedy construction activities without interruption.

Grants-in-aid for identification, investigation, containment, removal or mitigation of contaminated industrial sites in urban areas

- *Do you need the unallocated balance? Yes*
 - *If so, for what purpose? To implement the environmental investigation and cleanup of properties under the Urban Sites Remedial Action Program.*
 - *Within what time frame? In consultation with DECD, projects are selected based on the level of risk posed to human health and the environment, and where economic development is planned. DEEP and DECD anticipate implementing 1 site per each FY.*
- *Are the unallocated funds obligated, designated, or otherwise attached to projects, or are funds available for future needs as they arise? DECD has a draft list of projects that will be proposed and recommended to DEEP in Q2 2023. Per program statutes, DEEP will request the State Bond Commission to approve funds for proposed projects. The draft list of projects is below.*
 - *If attached to projects, please provide information on the projects.*
 - *Westend MDP, Bridgeport - \$3m*
 - *Science Park, New Haven - \$6m*
 - *Ansonia Copper & Brass, Ansonia - \$4m*
 - *Bristol Babcock Site, Waterbury - \$4m*
 - *Aerospace Metals, Hartford - \$4m*
- *Allocation of Funds*
 - *When was the last time funds for the program were allocated, if ever? Funds were allocated by the State Bond Commission for Cherry Street Lofts project (Dec 18, 2020)*
 - *Have the funds been requested for allocation by the bond commission? If so, how much and when? No funds request for allocation is pending.*
 - *What impediments, if any, have there been in accessing and using the unallocated bond funds? None*
 - *If new or increased bond authorizations have been proposed for FY 24 or FY 25, what expansion or increase of projects is expected and how quickly are the new funds anticipated to be needed? This program is jointly administered by DEEP and DECD. Although grant and loan programs exist to assist municipalities and private parties with the investigation and remediation of Brownfields, there remains a need for certain Brownfields to be addressed with more direct State involvement. Bond authorizations for this program will be needed to address investigation and remediation at future sites, thereby reducing potential risks to public health and safety, and preparing the sites for productive re-use. This program is available for Brownfields in Distressed Municipalities and Targeted Investment Communities, which are burdened by a disproportionate number of Brownfields.*

Grants-in-aid to municipalities for improvements to incinerators and landfills, including but not limited to bulky waste landfills

6. *Do you need the unallocated balance?* **Yes**
 - a. *If so, for what purpose?* DEEP is responsible for the operation, maintenance and capital improvement of 5 former CRRRA/MIRA landfills. DEEP has incurred costs of \$2.1M during the current fiscal year for operation, maintenance and anticipated capital improvements. DEEP has identified expected costs totaling over \$6.5M during the next fiscal year due to increased capital project needs. In addition to the regularly scheduled operation activities such as mowing, snowplowing access, compliance monitoring and permit required activities costs for the next fiscal year include:
 - i. A new flare system and shoreline stabilization at Shelton Landfill
 - ii. Continued Groundwater Flow Control System Repairs, Equipment Replacements, and Improvements/Groundwater Modeling and Engineering Analyses/Condensate Storage Tank at the Hartford Landfill
 - iii. Flare Blower Replacement/Gas Well Rehabilitation at the Ellington Landfill
 - b. *Within what time frame?* These are regular ongoing operation and maintenance requirements performed on an annual basis as well as anticipated capital improvements scheduled for the next fiscal year.
7. *Are the unallocated funds obligated, designated, or otherwise attached to projects, or are funds available for future needs as they arise?* **Once approved by the bond commission, funds will be assigned to projects ready to go**
 - a. *If attached to projects, please provide information on the projects.* **These funds are necessary for the ongoing obligations associated with the former CRRRA landfills located in Hartford, Ellington, Shelton, Wallingford and Waterford. Funds may also be requested by municipalities for landfill closure activities at municipal landfills.**
8. *Allocation of Funds*
 - a. *When was the last time funds for the program were allocated, if ever?* **\$750,000 in December of 2019**
 - b. *Have the funds been requested for allocation by the bond commission? If so, how much and when?* **\$750,000 in December of 2019**
9. *What impediments, if any, have there been in accessing and using the unallocated bond funds?* **N/A**
10. *If new or increased bond authorizations have been proposed for FY 24 or FY 25, what expansion or increase of projects is expected and how quickly are the new funds anticipated to be needed?* **N/A**

Grants-in-aid to municipalities for open space land acquisition and development for conservation or recreational purposes

Connecticut's Open Space Goal:

- The General Assembly set a goal of preserving 21% of Connecticut's land base as public open space (CGS Section 23-8).
- The Connecticut Comprehensive Open Space Acquisition Plan (Green Plan) set a target to meet this goal by year 2023. To reach this goal, 673,210 acres across the state needs to be acquired as open space.
- Of the total open space goal:
 - o 10% (320,576 acres) shall be held by the State of Connecticut (DEEP), and
 - o 11% (352,634 acres) shall be held by DEEP's land conservation Partners (municipalities, non-profit land conservation organizations, and water companies).
- At the end of 2022, DEEP and its partners together held a combined 516,331 acres as public open space, or **76.67%** towards achieving the total statewide open space acquisition goal.
 - o As of December 31, 2022, **DEEP** held an estimated 263,687 acres of land in its system of Parks, Forests, and Wildlife Management and water access areas, or **82.25%** of its open space goal.
 - o As of December 31, 2022, DEEP conservatively estimates that its **partners** held 252,644 acres, or **71.6%**, of their share of the statewide open space goal.

DEEP currently offers an annual grant round, and this Open Space bond funding augments funding from the Community Investment Act Program and is critical to meet the demand of this very popular land acquisition grant program.

Open Space bond funding:

- \$26.5m in allocated OSPA funds and \$3.2M in CIA for a total of \$29.7 in available balance which is committed to cover \$14M in previously awarded unclosed projects dating back to 2017 and the 2022 grant round
 - 2022 grant round is currently under review and awardees will be announced in April
 - o OSPA grant rounds typically award between \$7M and \$15M
 - \$22M in existing unallocated bond authorizations available to cover future grant rounds
1. Do you need the unallocated balance? **Yes**
 - a. If so, for what purpose? **To cover future grant rounds. The next OSPA grant round will be announced in April 2023, and typical OSPA grant rounds award between \$7M and \$15M**
 - b. Within what time frame? **The next OSPA grant round will be announced in April and will close in Q4 of CY 2023.**
 2. Are the unallocated funds obligated, designated, or otherwise attached to projects, or are funds available for future needs as they arise? **The \$22M unallocated authorizations are not committed to previous projects and are available to cover future grant rounds**
 - a. If attached to projects, please provide information on the projects.
 3. Allocation of Funds
 - a. When was the last time funds for the program were allocated, if ever? **July 2022 – \$7M**
 - b. Have the funds been requested for allocation by the bond commission? If so, how much and when? **DEEP will likely seek a \$15M allocation to support the 2023 OSPA grant round.**

4. What impediments, if any, have there been in accessing and using the unallocated bond funds? DEEP currently runs an annual grant round for OSWA. It is important to have funds allocated at the time of award, but land transactions often take years to close leading to a high allocated balances.
5. If new or increased bond authorizations have been proposed for FY 23, what expansion or increase of projects is expected and how quickly are the new funds anticipated to be needed? The \$10M in proposed new bond authorizations would support future OSWA and UGCG grant rounds.

Microgrid and resilience grant and loan program

- Do you need the unallocated balance? *Yes*
 - If so, for what purpose? *To continue efforts to provide grants to municipalities and other entities to plan, design, and construct resilience infrastructure.*
 - Within what time frame? *DEEP will be making grant awards for a recent planning and design grant round and will be seeking additional funding in 2023 to support development of competitive resilience projects that can compete for federal resilience infrastructure funding. Depending on needs, this may be for additional design and planning funding or to match federal funding for the construction of grey, green, and blue infrastructure.*
- Are the unallocated funds obligated, designated, or otherwise attached to projects, or are funds available for future needs as they arise? *Funds are available to meet emerging needs.*
 - If attached to projects, please provide information on the projects.
- Allocation of Funds
 - When was the last time funds for the program were allocated, if ever? ---
 - Have the funds been requested for allocation by the bond commission? If so, how much and when? *There are no pending requests.*
- What impediments, if any, have there been in accessing and using the unallocated bond funds? *None*
- If new or increased bond authorizations have been proposed for FY 24 or FY 25, what expansion or increase of projects is expected and how quickly are the new funds anticipated to be needed? *There is a large demand for state funds associated with resilience infrastructure. As Connecticut sees more effects from climate-induced impacts, resilience funding will be essential to the sustainability of Connecticut communities*

PFAS - Grants-in-aid to municipalities for the purpose of providing potable water and for assessment and remedial action to address pollution from perfluoroalkyl and polyfluoroalkyl containing substances

- Do you need the unallocated balance? *Yes*
 - If so, for what purpose? *The intended use of funds is to test private wells for per- and polyfluoroalkyl substances (PFAS) in prioritized communities and provide bottled water and*

short-term treatment to wells found to exceed the DPH Drinking Water Action Levels. DEEP will also use funds to determine the source of PFAS pollution in order to both identify responsible parties and begin the remediation process. The FY22 allotment of fund is almost exhausted and DEEP anticipates a request to SBC for the FY23 unallocated balance. Those funds will be used to continue private well testing in vulnerable communities, following efforts in Killingworth. Actions are consistent with the Governor's Interagency PFAS Task Force's PFAS Action Plan, dated November 1, 2019.

- *Within what time frame? Funding is needed as soon as requested to maintain environmental investigation activities, and provision of bottled water and water filtration systems.*
- *Are the unallocated funds obligated, designated, or otherwise attached to projects, or are funds available for future needs as they arise? Unallocated funds are designated for future use in vulnerable communities prioritized by DEEP based on the number and proximity of private wells to high-risk sources of PFAS pollution. Entities that are deemed by DEEP to be responsible for identified PFAS pollution will be assigned the obligation to further investigate the source area and design/implement a remedy.*
 - *If attached to projects, please provide information on the projects. Projects are being identified through various channels.*
- *Allocation of Funds*
 - *When was the last time funds for the program were allocated, if ever? SBC meeting December 2021.*
 - *Have the funds been requested for allocation by the bond commission? If so, how much and when? FY23 funds (\$1.15M) are anticipated to be requested in Spring/Summer of 2023*
- *What impediments, if any, have there been in accessing and using the unallocated bond funds? None*
- *If new or increased bond authorizations have been proposed for FY 24 or FY 25, what expansion or increase of projects is expected and how quickly are the new funds anticipated to be needed? The proposed Biennial Budget increases the bond authorization from \$1.15M to \$2M in FY24 and FY25. DEEP expects an increased need for private well sampling and treatment in future years. DEEP is initiating targeted PFAS sampling of private wells in communities vulnerable to PFAS pollution and impacted wells will require treatment.*

Recreation and natural heritage trust program for recreation, open space, resource protection and resource management

Connecticut's Open Space Goal:

- The General Assembly set a goal of preserving 21% of Connecticut's land base as public open space (CGS Section 23-8).
- The Connecticut Comprehensive Open Space Acquisition Plan (Green Plan) set a target to meet this goal by year 2023. To reach this goal, 673,210 acres across the state needs to be acquired as open space.
- Of the total open space goal:
 - 10% (320,576 acres) shall be held by the State of Connecticut (DEEP), and

- 11% (352,634 acres) shall be held by DEEP's land conservation partners (municipalities, non-profit land conservation organizations, and water companies).
- At the end of 2022, DEEP and its partners together held a combined 516,331 acres as public open space, or **76.67%** towards achieving the total statewide open space acquisition goal.
 - As of December 31, 2022 **DEEP** held an estimated 263,687 acres of land in its system of Parks, Forests, and Wildlife Management and water access areas, or **82.25%** of its open space goal.
- As of December 31, 2022, DEEP conservatively estimates that its **partners** held 252,644 acres, or **71.6%**, of their share of the statewide open space goal.

The Recreation and Natural Heritage Trust Program is the primary funding source for DEEP to purchase lands to add to the State's network of parks, forests, boat launches, and wildlife management areas. Continued investment in this program is critical to meet residents' increased desire for outdoor recreation opportunities and to continue our progress towards attaining the 21% open space goal.

RNHTP Funding

- \$~3.5M in allocated RNHTP funds
 - \$2.2M in active acquisition projects
 - \$20M in approved acquisition projects with an approximate RNHTP need of \$6M
 - \$6M in unallocated authorizations with no proposed new authorizations for FY23
1. Do you need the unallocated balance? **Yes**
 - a. If so, for what purpose? **For future acquisitions to support the State's open space goals – \$2.2M in active projects plus ~\$6M in potential future projects for a total of \$8.2M in potential need over the next 15+ months.**
 - b. Within what time frame? **Active projects which could close over the next 6-12 months - \$2.2M. Future projects - ~\$6M**
 2. Are the unallocated funds obligated, designated, or otherwise attached to projects, or are funds available for future needs as they arise? **The \$6M in unallocated authorizations is available to cover future projects.**
 - a. If attached to projects, please provide information on the projects.
 3. Allocation of Funds
 - a. When was the last time funds for the program were allocated, if ever? **\$7.5M was allocated in July 2021**
 - b. Have the funds been requested for allocation by the bond commission? If so, how much and when?
 4. What impediments, if any, have there been in accessing and using the unallocated bond funds?
 5. If new or increased bond authorizations have been proposed for FY 23, what expansion or increase of projects is expected and how quickly are the new funds anticipated to be needed? **The \$10M in proposed new bond authorizations would support future OSHA and UGCG grant rounds. No new bond authorizations are proposed.**

Various flood control improvements, flood repair, erosion damage repairs and municipal dam repairs

- Do you need the unallocated balance? *Yes*
 - If so, for what purpose? *For the ongoing need to inspect and repair state owned repair flood control dams and associated infrastructure.*
 - Within what time frame? *This need is continual*
- Are the unallocated funds obligated, designated, or otherwise attached to projects, or are funds available for future needs as they arise? *N No unallocated funds are obligated. However, these funds are required for future projects, either planned or time-critical.*
 - If attached to projects, please provide information on the projects.
- Allocation of Funds
 - When was the last time funds for the program were allocated, if ever? *May 2022 \$3,470,000*
 - Have the funds been requested for allocation by the bond commission? If so, how much and when? *\$3,470,000, May 2022. No requests pending.*
- What impediments, if any, have there been in accessing and using the unallocated bond funds? *None*
- If new or increased bond authorizations have been proposed for FY 24 or FY 25, what expansion or increase of projects is expected and how quickly are the new funds anticipated to be needed? *The need for bond funds to repair flood control projects that protect communities across Connecticut is ongoing. Funds would be used in two to three years as projects are developed.*

Clean Water Fund Revenue - Low-interest loans to towns

- Do you need the unallocated balance? *Yes*
 - If so, for what purpose? *While some of the projects targeted on the F22/23 CWF Priority List are under agreement, an additional \$450 million in loans (derived from Revenue bonding) will be expended to fund the remaining projects.*
- Revenue bonding is also critical to ensure that the Clean Water Fund, managed by the Office of the Treasurer, remains strong and capable of meeting Connecticut's wastewater infrastructure needs. These wastewater needs continue to be significant, as evidenced by combined sewer system needs highlighted during climate-induced rain events causing sewer overflows and backups.*
- Within what time frame? *As projects on the current CWF Priority List go under contract, additional Revenue Bonds will be needed to fund low-interest loans provided by the Clean Water Fund. The COVID-19 pandemic and associated supply chain issues have slowed many construction-ready Clean Water projects. Based on conversations with municipalities, DEEP believes that several projects will be moving forward in the next several months.*
 - Are the unallocated funds obligated, designated, or otherwise attached to projects, or are funds available for future needs as they arise? *Yes. These funds will be the support for the current and next CWF Priority List. Having these funds available ensures municipalities that the state will be able to partner in their efforts to update public sewer infrastructure.*
 - If attached to projects, please provide information on the projects. [see link to FY22/23 CWF Priority List](#)
 - Allocation of Funds
 - When was the last time funds for the program were allocated, if ever? *In the 4/8/2020 Bond Commission, \$31 million was allocated for Revenue – Allotted on 5/18/2020 but transferred to*

DPH for Drinking Water In the 6/26/2019 Bond Commission, \$291.1 million Allocated for Revenue – Allotted on 8/1/2019, but \$18.6M transferred to DPH for Drinking Water

- *Have the funds been requested for allocation by the bond commission? If so, how much and when? DEEP in coordination with the Office of the Treasurer regularly requests GO and Revenue bonding needed to maintain the strength of the Clean Water Fund.*
- *What impediments, if any, have there been in accessing and using the unallocated bond funds? Progress on Clean Water Fund projects slowed down during the pandemic. As the pandemic began to wane in 2022, record inflation and supply chain issues further delayed construction schedules. The CWF FY22/23 Priority List was more expansive than recent priority lists to account for this pent-up need for municipal support for public sewage infrastructure projects.*
- *If new or increased bond authorizations have been proposed for FY 24 or FY 25, what expansion or increase of projects is expected and how quickly are the new funds anticipated to be needed? An additional \$25 million in Revenue bonds was included in the Governor's Capital Budget proposal for FY25. As inflation eases and supply chain issues begin to resolve, it is expected that the pace of construction projects will speed up so that the new funds can be expended within the new few years.*