



2024 IUP Loan Forgiveness for Clean Water Projects

BARNSTABLE

Loan Number	Total Loan Forgiveness	Total Loan Amount
CWP-24-46, CWP-24-46-A	\$600,000	\$10,000,000

Route 28 West Sewer Expansion Project

The project includes construction of approximately 25,000 linear feet of gravity sewer, 23,000 linear feet of sewer force main, and five new sewer pump stations to convey wastewater from the project area to the Phinney's Lane Pump Station and ultimately to the existing Water Pollution Control Facility. The Route 28 West sewer expansion is a critical element of the Town's thirty-year phased Comprehensive Wastewater Management Plan and will help build an extensive wastewater collection system that will eventually serve more than 7,000 properties.

BARNSTABLE

Loan Number	Total Loan Forgiveness	Total Loan Amount
CWP-24-64	\$1,800,000	\$30,000,000

Nitrogen Removal Improvements and New Headworks Facility

The project includes construction of a new 4-stage Bardenpho process followed by a membrane bioreactor at the Barnstable Water Pollution Control Facility (WPCF) to expand and upgrade biological nutrient removal and a new headworks facility on the existing site. The project also extends sewer service to Needs Area 2, as recommended in the Town's approved Comprehensive Wastewater Management Plan, to convey wastewater to the upgraded facility. These improvements will protect and improve water quality in sensitive receiving waters and associated environmental and recreational resources in nearby areas, including the Acushnet River/Estuary and the greater Buzzards Bay National Estuary.

BILLERICA

Loan Number	Total Loan Forgiveness	Total Loan Amount
CWP-24-58	\$63,357	\$1,055,958

Infiltration and Inflow (I/I) Rehabilitation Project

The project includes rehabilitation of sewer pipes and manholes throughout the Town's sewer system to reduce infiltration and inflow (I/I). The work will address defects identified during closed-circuit television investigations, reducing I/I and the risk of future infrastructure failures and improving the overall reliability of the collection system.

BROCKTON

Loan Number	Total Loan Forgiveness	Total Loan Amount
CWP-24-60	\$408,985	\$2,241,014

Sewer System Rehabilitation Phase 4

The project implements Phase 4 of the City's sewer system rehabilitation program and includes up to 10 miles of preparatory cleaning of existing sewer pipe, internal closed-circuit television inspection, cured-in-place sewer pipe lining, and rehabilitation of manholes. By reducing flows to the Advanced Water Reclamation Facility, the project will increase available treatment capacity for Brockton residents and surrounding communities, help prevent exceedances of the City's National Pollutant Discharge Elimination System permit limits for AWRF flows, lower maintenance costs at affected pumping and treatment facilities, reduce the potential for sanitary sewer overflows in and downstream of the project areas, and improve water quality in surrounding watersheds.



2024 IUP Loan Forgiveness for Clean Water Projects

DENNIS

Loan Number	Total Loan Forgiveness	Total Loan Amount
CWP-24-79	\$6,000,000	\$50,000,000

Phase 1 Water Resource Recovery Facility (WRRF) and Collection System

The project implements Phase 1 of the Town's Comprehensive Wastewater Management Plan through construction of a new WRRF and recharge facility, a sewer "spine" from the WRRF to the commercial planning district along Route 28, and sewer extensions in residential areas adjacent to Bass River and East-West Dennis (Route 134). These improvements will begin to reduce nitrogen loading in these watersheds, which require substantial nitrogen reductions based on established Total Maximum Daily Loads and Massachusetts Estuaries Project reports, and will support long-term protection of coastal water quality.

HAVERHILL

Loan Number	Total Loan Forgiveness	Total Loan Amount
CWP-24-47	\$986,185	\$8,218,212

Closure of Northern Mound of Haverhill Landfill

The project includes constructing a final cap on the Northern Mound of the Haverhill Landfill stabilizing eroding landfill areas along the Merrimack River and restoring habitat for state-listed species. The final cap will significantly reduce the infiltration of rainwater into the underlying waste, including remaining hazardous materials, and the bank stabilization will prevent further erosion of waste into the river. The closure activities are being implemented under an administrative consent order issued by the Massachusetts Department of Environmental Protection.

HAVERHILL

Loan Number	Total Loan Forgiveness	Total Loan Amount
CWP-24-51, CWP-24-51-A	\$1,109,676	\$9,247,300

Locke Street Combined Sewer Separation Phase 1

The project implements the first phase of combined sewer separation in the Locke Street area by separating approximately 4,700 linear feet of existing combined sewers. Work includes installing new drainage pipe, disconnecting catch basins from the sanitary sewer and connecting them to a separate storm sewer, and rehabilitating existing sewers and manholes as needed. This project is part of Haverhill's 2018 Integrated FLTCP and 2016 Consent Decree and will reduce the volume and frequency of combined sewer overflow (CSO) discharges from three CSO regulators in the Locke Street area to the Little River and the Merrimack River, improving water quality in these receiving waters.

LAWRENCE

Loan Number	Total Loan Forgiveness	Total Loan Amount
CW-24-20	\$219,000	\$1,200,000

Sanitary Sewer Evaluation Survey (SSES) Phases V and VI

The project is a sanitary sewer system evaluation that includes closed-circuit television (CCTV) inspection of up to 120,000 linear feet of existing sanitary sewer pipe, inspection of up to 400 manholes and catch basins, and smoke testing, dye tracing, flow isolation, and related data collection activities. The work also provides illicit discharge detection and elimination in up to 120 drainage catchment areas, including CCTV inspection of up to 20,000 linear feet of piping, internal plumbing inspections, and dye testing verification. The SSES will provide the City with detailed condition and performance information to guide future rehabilitation efforts and reduce illicit discharges to the collection system.



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LAWRENCE

Loan Number	Total Loan Forgiveness	Total Loan Amount
CWP-24-52	\$1,535,934	\$8,416,076

Sewer and Drainage Improvements, Contract 7

The project will rehabilitate and replace sewer and drainage system components to address defects and operational and maintenance issues identified in the City's 2020 Sanitary Sewer Evaluation Survey (SSES) report. Improvements will repair structural pipe failures, reduce Inflow and Infiltration (I/I) sources, and remove illicit cross-connections to Municipal Separate Storm Sewer System (MS4) areas. These upgrades will improve system reliability, reduce the risk of sewer backups and unauthorized discharges, and protect local water quality.

LYNN WATER AND SEWER COMMISSION

Loan Number	Total Loan Forgiveness	Total Loan Amount
CWP-24-62	\$3,665,900	\$20,087,122

West Lynn Sewer Separation - Phases 3, 4, & 5

The project advances Phases 3, 4, and 5 of the West Lynn sewer separation program, which will separate sewers in approximately 260 acres on the western side of the City. To convey separated stormwater, the project also constructs a new stormwater pump station with a capacity of 100 million gallons per day and a 54-inch force main discharging to Lynn Harbor. These improvements build on earlier phases now under construction, further reducing Combined Sewer Overflow and sanitary sewer overflow risks and improving water quality in Lynn Harbor and nearby receiving waters.

MASHPEE

Loan Number	Total Loan Forgiveness	Total Loan Amount
CWP-24-78, CWP-24-78	\$3,000,000	\$50,000,000

Phase 2 Mashpee Treatment and Collection System

The project will expand treatment capacity at the Mashpee Water Resource Recovery Facility and extend the wastewater collection system in the Mashpee River watershed. It is a critical component of the centralized infrastructure identified in the Town's Watershed Nitrogen Management Plan and is required to help the Town meet its nitrogen total maximum daily loads, reduce nitrogen loading to sensitive waters, and protect water quality and related environmental resources.

NEW BEDFORD

Loan Number	Total Loan Forgiveness	Total Loan Amount
CWP-24-49	\$1,748,258	\$9,579,495

Wastewater Treatment Plant (WWTP) Improvements

This project includes equipment upgrades, alkalinity system improvements, and upgrades to the Supervisory Control and Data Acquisition system at the New Bedford WWTP. These improvements will enhance the reliability and performance of wastewater treatment operations and support ongoing compliance with applicable regulatory requirements.



2024 IUP Loan Forgiveness for Clean Water Projects

NEW BEDFORD

Loan Number	Total Loan Forgiveness	Total Loan Amount
CWP-24-77	\$2,461,013	\$13,485,000

Wastewater Pumping Station Improvements

The project replaces the City of New Bedford's Howard Avenue wastewater pumping station in accordance with the City's January 2017 Long Term Combined Sewer Overflow Control and Integrated Capital Improvements Plan and as mandated under a 2019 administrative order issued by the Massachusetts Department of Environmental Protection. The new station will improve reliability of wastewater conveyance, support implementation of the City's combined sewer overflow control program, and help maintain compliance with applicable regulatory requirements.

NEW BEDFORD

Loan Number	Total Loan Forgiveness	Total Loan Amount
CWP-24-74, CWP-24-74-A	\$3,196,488	\$17,515,000

Wastewater Collection System Improvements

The project involves improvements to the wastewater collection system and includes three contracts. Contract 1 is for Phase 3 Coggeshall Street Sewer Separation. Contract 2 is for the Illicit Discharge Removal Program. Contract 3 is for the Phase 1 Interceptor and Collector Sewer Rehabilitation Program.

ORANGE

Loan Number	Total Loan Forgiveness	Total Loan Amount
CWP-24-31	\$266,733	\$1,461,549

Wastewater Treatment Facility (WWTF) Influent Pump and Aeration Blower Upgrades

The project replaces the influent pumping system and upgrades aeration blowers at the Town of Orange's WWTF. The work will eliminate the temporary bypass pumping system currently in use and provide a permanent solution by replacing pumps, variable frequency drives, valves, piping, and associated control systems for the influent system. These improvements will restore reliable influent pumping and aeration capacity, improve operational control, and support continued compliance with wastewater treatment requirements.

PITTSFIELD

Loan Number	Total Loan Forgiveness	Total Loan Amount
CW-24-08	\$182,500	\$1,000,000

Sanitary Sewer Evaluation Survey (SSES) Phase 2

The project conducts Phase 2 of a sanitary sewer evaluation survey (SSES) to assess the condition of the City's wastewater collection system and identify sources of infiltration and inflow (I/I). The work focuses on priority subareas and includes closed-circuit television inspections and related investigations to locate structural defects and other causes of excessive I/I. The results will be used to develop an I/I control plan and rehabilitation capital plan to reduce clean water entering the wastewater system, improve collection system performance, and support cost-effective long-term asset management.



2024 IUP Loan Forgiveness for Clean Water Projects

QUINCY

Loan Number	Total Loan Forgiveness	Total Loan Amount
CWP-24-54	\$758,425	\$6,320,205

Fiscal Year 2025 Sewer and Drain Improvements

This project implements recommendations from prior sanitary sewer evaluation surveys (SSES) and supports the City of Quincy's ongoing efforts to improve its sewer collection system and water quality. In addition to work arising from SSES and infiltration and inflow investigations, the project advances the City's Municipal Separate Storm Sewer System (MS4) obligations under the MS4 permit and a federal consent decree by funding sewer and drainage improvements planned for the 2025 construction season. The work includes activities such as screening for illicit discharges, conducting catchment investigations, and addressing identified sources of contamination, thereby improving the performance of the sewer and storm drain systems and the quality of receiving waters.

REVERE

Loan Number	Total Loan Forgiveness	Total Loan Amount
CWP-24-40	\$477,463	\$2,616,233

Phase 15 Inflow/Infiltration (I/I) and Drainage Construction Improvements

The project implements construction measures to remove I/I from the City's sewer system and improve system capacity. Work includes redirecting public and private inflow sources identified during Phase 15 field investigations, Illicit Discharge and Eliminations source removal, and targeted drainage improvements. The project will also remove illicit connections such as sump pumps and roof leaders, provide pump station improvements for both stormwater and wastewater systems, and complete cured-in-place pipe lining, sewer spot repairs and replacements, new sewer installations, cleaning, and additional wastewater metering. These improvements will reduce I/I, increase available wastewater capacity, and enhance overall collection system performance and water quality.

REVERE

Loan Number	Total Loan Forgiveness	Total Loan Amount
CWP-24-03	\$442,959	\$2,427,170

Oak Island Water and Sewer Main Replacement at Massachusetts Bay Transportation Authority (MBTA) Crossing

The project replaces the existing 6-inch cast iron water main and 8-inch clay sewer beneath the MBTA railroad crossing at Bridge Street/Oak Island Road. New 8-inch ductile iron water and sewer mains will be installed within steel casing pipes to protect the utilities at this critical crossing. These improvements will enhance system reliability and ensure continued delivery of safe, dependable water and sewer service to the Oak Island neighborhood.



2024 IUP Loan Forgiveness for Clean Water Projects

REVERE

Loan Number	Total Loan Forgiveness	Total Loan Amount
CW-24-90	\$182,500	\$1,000,000

Phase 15 Field Investigations

The project conducts Phase 15 field investigations to identify and assess wastewater and stormwater system improvements in support of the City's consent decree. Work includes implementation of the ongoing Private Inflow Removal Program and evaluation of additional corrective measures. The planning study will also evaluate a potential third connection to the Massachusetts Water Resources Authority (MWRA) system and conveyance improvements along Eliot Road. Findings will guide future capital projects to reduce inflow, improve system performance, and enhance water quality protection.

SAUGUS

Loan Number	Total Loan Forgiveness	Total Loan Amount
CWP-24-86	\$279,628	\$2,330,234

Comprehensive Sewer System Rehabilitation – Subsystem 2

The project includes comprehensive rehabilitation of sewer pipelines, manholes, and service laterals in Subsystem 2 of the Town of Saugus's sewer system to reduce infiltration and inflow (I/I) and improve system reliability. Construction will include cured-in-place rehabilitation of approximately 7,600 linear feet (LF) of 8-inch, 200 LF of 10-inch, and 4,650 LF of 24-inch sewer pipe; installation of lining systems at approximately 160 service-to-main connections; and rehabilitation of about 60 manholes. These improvements will reduce I/I, extend the useful life of aging infrastructure, and decrease the likelihood of sewer overflows and related impacts on public health and the environment.

SWANSEA

Loan Number	Total Loan Forgiveness	Total Loan Amount
CWP-24-83, CWP-24-83-A	\$2,196,014	\$18,300,117

Route 6 Corridor Sewer Collection System

The project implements recommendations from the Town's 2006 Comprehensive Wastewater Management Plan by constructing a new sanitary sewer collection system within Swansea along the Route 6 corridor, extending from the Town Municipal Complex on Wood Street to Swansea Mall Drive and east along Route 6 to the boundary with the Town of Somerset. The intermunicipal project also includes improvements to the Town of Somerset's existing sewer system. The work will provide approximately 10.7 miles of new gravity sewers and force mains and seven pump stations to convey wastewater to the regional system and support long-term wastewater management in both communities.

WAREHAM

Loan Number	Total Loan Forgiveness	Total Loan Amount
CWP-24-23	\$3,650,000	\$20,000,000

Wareham Water Pollution Control Facility (WPCF) Improvements – Phase 2

The project upgrades the Wareham WPCF to reliably treat existing flows and accommodate additional flows associated with community growth and nutrient management needs. Improvements are critical to maintaining facility performance and will support future expansion of the wastewater collection system, allowing many failing septic systems to be connected to centralized treatment and improving overall water quality and public health protection.



2024 IUP Loan Forgiveness for Clean Water Projects

YARMOUTH

Loan Number	Total Loan Forgiveness	Total Loan Amount
CWP-24-67, CWP-24-67-A	\$50,000,000	\$6,000,000

Phase 1 Water Resource Recovery Facility (WRRF) and Collection System

This project implements Phase 1 of the Town of Yarmouth's Comprehensive Wastewater Management Plan and includes construction of a new WRRF, an effluent recharge site, and a new sewer collection system with pumping stations along Route 28 from the Barnstable town line to the Bass River, as well as additional sewerage along South Shore Drive. The collection system work consists of installing approximately 78,000 linear feet of new sewer to convey wastewater to the WRRF. By replacing on-site septic systems with centralized treatment and disposal, Phase 1 will begin to reduce nitrogen loading to the nitrogen-sensitive Bass River, Parkers River, and Lewis Bay watersheds and help protect municipal drinking water wells from contamination.



2024 IUP Loan Forgiveness for Drinking Water Projects

AMHERST

Loan Number	Total Loan Forgiveness	Total Loan Amount
DWP-24-67	\$1,281,800	\$4,930,000

Centennial Water Treatment Plant (WTP) Replacement

The project replaces the Town's existing Centennial WTP with a new facility to treat drinking water from Amherst's five groundwater production wells and four surface water reservoirs. These sources supply an average of 3 million gallons per day of safe drinking water to residents, businesses, and institutional customers in Amherst, including Amherst and Hampshire Colleges, the University of Massachusetts Amherst, and portions of Pelham, Belchertown, and Hadley. The new WTP will help ensure reliable treatment capacity and safe drinking water for the regional service area.

ATTLEBORO

Loan Number	Total Loan Forgiveness	Total Loan Amount
DWPEC-24-58	\$2,400,000	\$15,000,000

Wading River Water Treatment Plant (WTP) Construction

The project includes construction of the new Wading River WTP with a capacity of up to 2.0 million gallons per day. The WTP will provide flocculation, clarification, filtration, and per- and polyfluoroalkyl substances treatment, along with associated electrical, instrumentation and controls, heating, ventilation, and air conditioning, plumbing, and chemical feed systems housed within a new treatment building. Site work will include new water mains, parking areas, and stormwater management improvements. The project will improve finished water quality, enhance treatment reliability, and support continued compliance with state and federal drinking water regulations.

AUBURN WATER DISTRICT

Loan Number	Total Loan Forgiveness	Total Loan Amount
DWPEC-24-63	\$1,876,800	\$11,730,000

Arsenic and Per- and polyfluoroalkyl substances (PFAS) Removal Water Treat Plant (WTP) for South Street Well

This project involves construction of a new WTP for the South Street Wells to remove arsenic and PFAS. Arsenic concentrations at these wells exceed the drinking water Maximum Contaminant Level (MCL), and the wells have been taken out of service. By providing appropriate treatment, the project will allow the wells to be returned to service, protect public health, ensure compliance with drinking water MCLs, and help maintain a sustainable water supply for customers of the Auburn Water District.

BARNSTABLE

Loan Number	Total Loan Forgiveness	Total Loan Amount
DWPEC-24-61	\$1,200,000	\$15,000,000

Straightway and Hyannisport Per- and polyfluoroalkyl substances ("PFAS") Treatment Facility Upgrades

This project will construct drinking water treatment facility upgrades at the Straightway and Hyannisport Treatment Facilities in the Hyannis Water System to remove six per- and polyfluoroalkyl substances, iron, manganese, and 1,4-dioxane to levels below regulatory limits. The work includes expanding and winterizing the existing seasonal PFAS treatment system, replacing wells, installing granular activated carbon for PFAS adsorption, installing greensand filters for removal of iron and manganese, and adding an Ultraviolet advanced oxidation process for 1,4-dioxane removal, along with associated site work to construct a new treatment building and pump station. The upgrades will restore the facilities' full permitted capacity, which represents approximately one-third of the Hyannis Water System's total capacity, and will improve drinking water quality and protect public health by ensuring a reliable supply that meets state and federal drinking water standards.



2024 IUP Loan Forgiveness for Drinking Water Projects

BELLINGHAM

Loan Number	Total Loan Forgiveness	Total Loan Amount
DWPEC-24-89	\$2,400,000	\$15,000,000

Hartford Avenue Per- and polyfluoroalkyl substances (PFAS) Treatment at Water Treatment Plant (WTP)

This project includes construction of a new building at the Hartford Avenue WTP to house equipment for removal of PFAS and Total Organic Carbon (TOC). Treatment will include granular activated carbon for PFAS removal and a specialized ACTIVLO Carb process for organics removal. The project will improve drinking water quality by reducing elevated PFAS and total trihalomethanes concentrations and supporting compliance with state and federal drinking water standards.

BRAINTREE

Loan Number	Total Loan Forgiveness	Total Loan Amount
DWPEC-24-75	\$800,000	\$10,000,000

Tri-Town Regional Water Treatment Plant (TTRWTP)

The project constructs the TTRWTP, a new, 12.5 million gallons per day regional facility that will replace the existing Braintree and Randolph/Holbrook Water Treatment Plants (WTPs). Consolidating treatment into a single modern facility will improve operational reliability and reduce costs associated with operating and maintaining multiple aging plants. The TTRWTP will use advanced treatment processes, including granular activated carbon filtration and enhanced disinfection and corrosion control, to reduce bacteria, (PFAS), and disinfection byproducts, improving finished water quality and protecting public health. The new facility is designed to meet current and anticipated drinking water standards and will provide high-quality drinking water for the communities of Braintree, Randolph, and Holbrook.

CHELMSFORD WATER DISTRICT

Loan Number	Total Loan Forgiveness	Total Loan Amount
DWEC-24-92	\$750,000	\$15,000,000

Per- and polyfluoroalkyl substances (PFAS) Treatment Improvements

The project involves construction of new PFAS treatment facilities to address PFAS concentrations above the Massachusetts drinking water standard at the Crooked Springs Water Treatment Plant (WTP) and to consolidate PFAS treatment for the Spring Street WTP at the Crooked Springs site. Finished water from the consolidated facilities will be conveyed through a new transmission main approximately 2.5 miles in length. In addition, the project will install a new PFAS treatment system at the Riverneck WTP. These improvements will enhance drinking water quality, support compliance with state PFAS requirements, and protect public health for customers of the Chelmsford Water District.

DEDHAM-WESTWOOD WATER DISTRICT

Loan Number	Total Loan Forgiveness	Total Loan Amount
DWEC-24-53	\$777,500	\$15,550,000

White Lodge Water Treatment Plant (WTP) Per- and polyfluoroalkyl substances (PFAS) Treatment

The project involves construction of a permanent treatment system at the White Lodge WTP consisting of two bag filters and two pairs of 12-foot diameter pressure vessels containing ion exchange resin, housed in an addition to the existing facility. The new system will remove PFAS from the treatment plant effluent and provide customers of the Dedham-Westwood Water District with safe drinking water.



2024 IUP Loan Forgiveness for Drinking Water Projects

EASTHAM

Loan Number	Total Loan Forgiveness	Total Loan Amount
DWP-24-85	\$184,996	\$2,312,449

Eastham Water System - Phase 2E

This project continues the Town of Eastham's implementation of a new town-wide municipal water system by constructing approximately 51,000 feet (9.7 miles) of new water distribution main and a second 750,000-gallon water storage tank in District H. Phase 2E will expand access to a clean and reliable public drinking water supply, improve fire protection, and complete the build-out of the Town's municipal water system.

EASTON

Loan Number	Total Loan Forgiveness	Total Loan Amount
DWEC-24-47	\$174,392	\$3,487,833

Red Mill Road Water Treatment Plant (WTP) Per- and polyfluoroalkyl substances (PFAS) Upgrade

The project adds new PFAS treatment at the Red Mill Road WTP, which combines raw water from Wells 3, 5, and 7 and currently provides iron and manganese treatment. Although PFAS levels in these source wells currently meet the Massachusetts Department of Environmental Protection maximum contaminant level for PFAS, the additional treatment will further reduce PFAS concentrations, protect public health, and help ensure continued compliance with state drinking water standards.

FRANKLIN

Loan Number	Total Loan Forgiveness	Total Loan Amount
DWEC-24-96	\$750,000	\$15,000,000

Hayward Street Water Treatment Plant (WTP) Improvements

This project provides new treatment for iron, manganese, and per- and polyfluoroalkyl substances (PFAS) at the Town of Franklin's Hayward Street WTP and includes conceptual design for future PFAS treatment at additional municipal wells. The improvements will enhance removal of iron and manganese, reduce PFAS concentrations in finished water, improve drinking water quality, and support protection of public health and continued compliance with state and federal drinking water standards.

GRAFTON WATER DISTRICT

Loan Number	Total Loan Forgiveness	Total Loan Amount
DWEC-24-90	\$750,000	\$15,000,000

East Street and Worcester Street Water Treatment Plants (WTPs) Per- and polyfluoroalkyl substances (PFAS) Treatment Upgrades

The project includes construction of two new water treatment plants at the Grafton Water District's East Street and Worcester Street WTPs to reduce PFAS concentrations in finished water to below 4 parts per trillion. The new treatment systems will use media adsorption to remove these compounds, improving drinking water quality, protecting public health, and supporting compliance with applicable drinking water standards.



2024 IUP Loan Forgiveness for Drinking Water Projects

GROTON

Loan Number	Total Loan Forgiveness	Total Loan Amount
DWEC-24-80	\$609,796	\$12,195,914

Groton Water System Expansion

The project extends the Groton public water system to serve the Groton-Dunstable Regional School District and surrounding properties where Per- and Polyfluoroalkyl Substances (PFAS) have been detected in existing drinking water supplies above state standards. The work includes construction of a new water main along Chicopee Row and North Street in Groton and Kemp Street and Groton Street in Dunstable. These improvements will provide affected properties with a reliable source of safe drinking water and reduce PFAS exposure for students, staff, and residents.

HOLBROOK

Loan Number	Total Loan Forgiveness	Total Loan Amount
DWPEC-24-77	\$512,000	\$3,200,000

Tri-Town Regional Water Treatment Plant (TTRWTP)

The project constructs the TTRWTP, a new, 12.5 million gallons per day regional facility that will replace the existing Braintree and Randolph/Holbrook Water Treatment Plants (WTPs). Consolidating treatment into a single modern facility will improve operational reliability and reduce costs associated with operating and maintaining multiple aging plants. The TTRWTP will use advanced treatment processes, including granular activated carbon filtration and enhanced disinfection and corrosion control, to reduce bacteria, (PFAS), and disinfection byproducts, improving finished water quality and protecting public health. The new facility is designed to meet current and anticipated drinking water standards and will provide high-quality drinking water for the communities of Braintree, Randolph, and Holbrook.

LYNNFIELD CENTER WATER DISTRICT

Loan Number	Total Loan Forgiveness	Total Loan Amount
DWEC-24-82	\$191,593	\$3,831,850

Glen Drive Water Treatment Plant (WTP) and Station 2 Pipeline

The project constructs a new 0.8 million gallons per day Glen Drive WTP and approximately 4,000 linear feet of transmission main to treat existing water sources and improve system reliability. The new WTP will provide radon, iron, and manganese removal, Per- and Polyfluoroalkyl Substances (PFAS) treatment using granular activated carbon (GAC) pressure vessels, new high-lift pumps, chemical feed systems, and a backup generator. The Station 2 pipeline will consist of 4,000 linear feet of 6-inch ductile iron transmission main to connect the Station 2 water source to the Glen Drive WTP. Together, these improvements are needed for long-term PFAS compliance and will enhance drinking water quality and system resiliency for district customers.



2024 IUP Loan Forgiveness for Drinking Water Projects

MANSFIELD

Loan Number	Total Loan Forgiveness	Total Loan Amount
DWEC-24-35	\$454,022	\$9,080,433

Dustin-Prescott Water Treatment Facility Per- and polyfluoroalkyl substances (PFAS) Treatment and Well Improvements

The project provides upgrades to the Dustin-Prescott Water Treatment Facility and two onsite wells. Sampling at the facility has shown PFAS levels above 4 parts per trillion. Upgrades to the plant include the installation of 6 new granular activated carbon (GAC) pressure vessels and related valves and piping in a new PFAS treatment building. The existing facility will also have process, plumbing/HVAC, electric, and controls upgrades. The two wells onsite have lost their original capacity, and Mansfield needs the wells to meet peak demands. The wells will be replaced with two new gravel-packed wells with submersible pumps and pit-less adapters.

MATTAPOISETT RIVER VALLEY WATER DISTRICT

Loan Number	Total Loan Forgiveness	Total Loan Amount
DWP-24-43	\$205,296	\$2,566,200

Water Treatment Plant (WTP) Upgrades

The project upgrades the Mattapoisett River Valley Water District's WTP by replacing the existing ultrafiltration system with a new membrane ultrafiltration system, installing an ultraviolet (UV) disinfection system that provides 4-log virus removal, and upgrading the control and monitoring systems. The UV disinfection system will provide continuous disinfection of water supplied to District communities, improving treatment reliability and supporting continued compliance with drinking water standards.

MIDDLEBOROUGH

Loan Number	Total Loan Forgiveness	Total Loan Amount
DWPEC-24-51	\$2,400,000	\$15,000,000

East Grove Street Water Treatment Plant (WTP) Iron and Per- and polyfluoroalkyl substances (PFAS) Treatment

The project involves construction of a permanent two-stage treatment system at the Town of Middleborough's East Grove Street dug well site. The first stage will treat iron, followed by PFAS treatment in the second stage, with the treatment vessels housed in a new building at the site. The project will improve the quality of water produced at the East Grove Street WTP and support reliable service to customers.

MILLIS

Loan Number	Total Loan Forgiveness	Total Loan Amount
DWPEC-24-42	\$296,567	\$3,707,090

Village Street Water Treatment Plant (WTP) Per- and polyfluoroalkyl substances (PFAS) Upgrades

The project includes construction of a PFAS treatment facility at Well 3 to remove PFAS and restore 0.75 million gallons per day of critical capacity to the Millis water system. The treatment system will use granular activated carbon filters and include associated process and site improvements required for proper installation and operation. These upgrades will reduce PFAS concentrations in finished water, improve drinking water quality, and protect public health while supporting continued compliance with state and federal drinking water standards.



2024 IUP Loan Forgiveness for Drinking Water Projects

NEW BEDFORD

Loan Number	Total Loan Forgiveness	Total Loan Amount
DWP-24-78	\$710,496	\$2,732,677

Quittacas Water Treatment Plant (QWTP) Upgrades

The project provides the second phase of upgrades to the City's QWTP, which was constructed in the 1970s and has not undergone major improvements since. Following completion of Phase 1 electrical distribution upgrades, this phase replaces and upgrades remaining major systems, including heating, ventilation, and air conditioning equipment, plant control and monitoring systems, and key process equipment. These improvements will help ensure the facility continues to operate safely, reliably, and in compliance with drinking water requirements.

NEW BEDFORD

Loan Number	Total Loan Forgiveness	Total Loan Amount
DWPLC-24-65	\$8,201,524	\$20,503,811

Lead Service Line (LSL) Replacement Program - Phase III

This project involves the removal and replacement of approximately 2,000 LSLs throughout the City of New Bedford's water distribution system. The work also includes replacement of water mains that are in poor condition or located where many service lines are being replaced along older mains. Together, these improvements are expected to remove all remaining lead services from the City's water distribution system, reduce the potential for lead exposure, and improve drinking water quality for residents.

NORWOOD

Loan Number	Total Loan Forgiveness	Total Loan Amount
DWP-24-48	\$1,118,156	\$13,976,950

Bellevue Water Tanks Replacement

The project includes replacement of an existing 4.0 million gallons (MG) standpipe and 0.5 MG elevated water storage tank that are beyond their useful life with two new 1.5 MG composite elevated tanks. The new tanks will include mixers to improve water circulation. These upgrades will enhance system reliability, maintain adequate storage capacity, and improve overall drinking water quality for the Town of Norwood.

PINE VALLEY PLANTATION

Loan Number	Total Loan Forgiveness	Total Loan Amount
DWP-24-59	\$821,010	\$ 4,829,470

Water System Replacement

The project involves replacement of approximately 4 miles of existing water distribution piping serving 389 units in the Pine Valley Plantation Mobile Home Park with a new 4-inch diameter polyvinyl chloride water distribution system and replacement of individual water services to each lot. The existing system is undersized and was constructed in phases by different contractors using different materials and fittings, resulting in poor water supply, numerous leaks and failures, and significant ongoing maintenance. The new system will improve the reliability and consistency of the water supply for residents and reduce leaks and maintenance needs.



2024 IUP Loan Forgiveness for Drinking Water Projects

PLAINVILLE

Loan Number	Total Loan Forgiveness	Total Loan Amount
DWEC-24-64	\$750,000	\$15,000,000

Turnpike Lake Per- and polyfluoroalkyl substances (PFAS) Water Treatment Plant (WTP)

This project involves construction of a new 1 million gallons per day WTP to treat water from Turnpike Lake. The facility will use GreensandPlus filters to remove iron, manganese, and natural organic matter and granular activated carbon (GAC) filters to remove PFAS to non-detectable levels. Disinfection and oxidation will be provided through chemical dosing designed to limit disinfection byproducts, and the project will include an underground storage tank for reclaimed GAC backwash, provisions for sludge management, and instrumentation to monitor contaminant levels before and after treatment. The new WTP will improve drinking water quality, reduce PFAS, iron, manganese, and disinfection byproducts, and protect public health by supporting compliance with state and federal drinking water standards.

RANDOLPH

Loan Number	Total Loan Forgiveness	Total Loan Amount
DWPEC-24-76	\$1,088,000	\$6,800,000

Tri-Town Regional Water Treatment Plant (TTRWTP)

The project constructs the TTRWTP, a new, 12.5 million gallons per day regional facility that will replace the existing Braintree and Randolph/Holbrook Water Treatment Plants (WTPs). Consolidating treatment into a single modern facility will improve operational reliability and reduce costs associated with operating and maintaining multiple aging plants. The TTRWTP will use advanced treatment processes, including granular activated carbon filtration and enhanced disinfection and corrosion control, to reduce bacteria, (PFAS), and disinfection byproducts, improving finished water quality and protecting public health. The new facility is designed to meet current and anticipated drinking water standards and will provide high-quality drinking water for the communities of Braintree, Randolph, and Holbrook.

RAYNHAM CENTER WATER DISTRICT

Loan Number	Total Loan Forgiveness	Total Loan Amount
DWPEC-24-73	\$1,193,600	\$14,920,000

Per- and Polyfluoroalkyl Substances (PFAS) Water Treatment Plants

The project constructs two PFAS water treatment plants, one at the Lake Nip site and one at the Gushee Pond site. The new facilities will reduce PFAS concentrations in the District's drinking water supplies, improve water quality, and support compliance with applicable drinking water standards.

SHARON

Loan Number	Total Loan Forgiveness	Total Loan Amount
DWEC-24-79	\$500,000	\$10,000,000

Wells 2 and 4 Water Treatment Plant Per- and Polyfluoroalkyl Substances (PFAS) and Manganese Treatment

The project constructed a permanent treatment facility to reduce PFAS and manganese levels in finished water from Wells 2 and 4. These improvements enhance drinking water quality and support continued compliance with applicable drinking water standards.



2024 IUP Loan Forgiveness for Drinking Water Projects

SHREWSBURY

Loan Number	Total Loan Forgiveness	Total Loan Amount
DWEC-24-72	\$750,000	\$15,000,000

Home Farm Water Treatment Plant (WTP) Per- and polyfluoroalkyl substances (PFAS) Treatment Upgrades

The project expands treatment operations at the Home Farm WTP by constructing a new building with PFAS treatment equipment serving all of the Town's groundwater sources. The new building will house PFAS treatment pressure vessels and new aeration towers. The completed project will reduce PFAS concentrations in finished water, allow Shrewsbury to utilize the full permitted capacity of groundwater wells with higher PFAS concentrations, and reduce operation and maintenance costs related to pH adjustment and removal of volatile organic compounds. The new treatment equipment will match the existing WTP's 7.0 million gallons per day treatment capacity.

SOUTH GRAFTON WATER DISTRICT

Loan Number	Total Loan Forgiveness	Total Loan Amount
DWEC-24-88	\$210,000	\$4,200,000

Per- and polyfluoroalkyl substances (PFAS) Treatment Plant for Wells 2 and 3

The project involves construction of a permanent PFAS treatment plant adjacent to Well 3 that will be sized to treat the combined flow from Wells 2 and 3, approximately 700 gallons per minute. The plant will operate as a pump-through station with multiple filters to remove PFAS from the groundwater supply, improving drinking water quality, protecting public health, and supporting compliance with applicable drinking water standards.

SPRINGFIELD WATER AND SEWER COMMISSION

Loan Number	Total Loan Forgiveness	Total Loan Amount
DWP-24-68	\$16,900,000	\$65,000,000

Water Treatment Plant (WTP) Replacement – Phase 2B

The project constructs a new WTP with modern treatment processes, including coagulation, flocculation, Dissolved Air Flotation (DAF), and filtration, to replace the existing direct filtration and slow sand filtration systems. The enhanced clarification provided by DAF will improve removal of natural organic matter, helping the Commission achieve and maintain compliance with regulatory limits for disinfection byproducts and improving overall drinking water quality and reliability.

STOUGHTON

Loan Number	Total Loan Forgiveness	Total Loan Amount
DWPEC-24-91	\$710,400	\$4,440,000

Pratts Court Water Treatment Plant (WTP) Improvements

The project upgrades the existing Pratts Court WTP by installing new well pumps, slip-lining the original well, and adding yard piping to connect new wells. The work also includes replacing filter media in three pressure filters, demolishing one existing pressure filter, and installing two granular activated carbon pressure vessels. Additional improvements include constructing a roof penthouse, relocating the potassium hydroxide system, installing a new permanganate feed system, and completing all associated piping, equipment, electrical, and controls upgrades. These improvements will enhance treatment performance, improve drinking water quality, and support reliable service to customers.



2024 IUP Loan Forgiveness for Drinking Water Projects

TOWNSEND

Loan Number	Total Loan Forgiveness	Total Loan Amount
DWPEC-24-24	\$879,009	\$5,493,806

Per- and Polyfluoroalkyl Substances (PFAS) Water Treatment Improvements

The project constructs a new water treatment plant and associated raw water transmission main to treat PFAS-contaminated water. These improvements will reduce PFAS concentrations in the Town's drinking water supply, improve water quality, and support compliance with applicable drinking water standards.

UXBRIDGE

Loan Number	Total Loan Forgiveness	Total Loan Amount
DWPEC-24-52	\$1,192,000	\$14,900,000

Blackstone Water Treatment Plant (WTP) Manganese and Per- and polyfluoroalkyl substances (PFAS) Treatment

The project includes construction of a new 1.2 million gallons per day Blackstone WTP at the Town of Uxbridge's Blackstone well site to remove high concentrations of manganese and PFAS. The new treatment system will provide filtration for iron and manganese removal followed by media adsorption for PFAS compounds and will include new chemical treatment systems, piping, and other site utilities. Construction of the treatment plant will allow the Town to return an offline well to service, reduce the need to limit production capacity by blending water from the remaining wells, and improve overall drinking water quality and public health protection.

WEBSTER

Loan Number	Total Loan Forgiveness	Total Loan Amount
DWPEC-24-81	\$2,400,000	\$10,000,000

Per- and Polyfluoroalkyl Substances (PFAS) Water Treatment Plants (WTP) and Meter System Upgrades

The project constructs two new WTPs at the Memorial Beach and Bigelow well sites and upgrades the Town's water meter system. The WTPs will remove PFAS from the drinking water supply to below applicable regulatory limits, and the Bigelow facility will also remove manganese to below regulatory limits. Two replacement wells will be installed to improve supply reliability and system redundancy. The meter system upgrades will improve metering accuracy and reduce unaccounted-for water, enhancing overall system performance and public health protection.

WEST BRIDGEWATER

Loan Number	Total Loan Forgiveness	Total Loan Amount
DWP-24-95	\$860,800	\$10,760,000

Cyr Street and Norman Avenue Iron and Manganese Treatment Upgrades

The project consists of modifications to the treatment facility serving the Cyr Street and Norman Avenue wells to improve removal of iron and manganese. These upgrades will help ensure that drinking water complies with the State Maximum Contaminant Level for iron and manganese established by the Massachusetts Department of Environmental Protection and will provide clean, reliable water for residents of the Town of West Bridgewater.



2024 IUP Loan Forgiveness for Drinking Water Projects

WESTFORD

Loan Number	Total Loan Forgiveness	Total Loan Amount
DWEC-24-60	\$750,000	\$15,000,000

Forge Village and Nutting Road Water Treatment Plants (WTPs) Per- and polyfluoroalkyl substances (PFAS) Treatment Upgrades

The project consists of constructing two new WTPs at Westford's Forge Village and Nutting Road treatment sites to provide PFAS treatment. The new treatment systems will use media adsorption to remove PFAS compounds and will operate in conjunction with existing iron and manganese filtration. Construction of these facilities will allow Westford to return the currently offline Country Road Well to service, improve drinking water quality, and protect public health while supporting compliance with applicable drinking water standards.

WOBURN

Loan Number	Total Loan Forgiveness	Total Loan Amount
DWPEC-24-93	\$559,997	\$6,999,965

Horn Pond Water Treatment Plant (WTP) Per- and Polyfluoroalkyl Substances (PFAS) Removal

The project adds granular activated carbon (GAC) treatment at the existing 4 million gallons per day (MGD) Horn Pond WTP to remove PFAS and address prior exceedances of the PFAS maximum contaminant level. GAC contactors will be installed downstream of the existing manganese removal filters to improve finished water quality. The project also upgrades the plant's Supervisory Control and Data Acquisition (SCADA) and cybersecurity systems, replaces groundwater supply well pumps and motors, and renews manganese removal filter media. These improvements will enhance PFAS removal, modernize controls, and improve the reliability and safety of the City's drinking water supply.