Project Descriptions for January 16, 2026

Board of Trustees Meeting

Overflow Stormwater Grant (OSG) Commitment and Agreement

Dudley CWO-25-66
Dudley Sewer Infiltration and Inflow Investigation
This project includes investigation and study work to identify potential sources of infiltration and inflow (I/I) in the Town's sanitary sewer system. The sewer system around 119 West Main Street has experienced 9 reportable Sanitary Sewer Overflows (SSOs) since 2010, 5 of which occurring in the past 5 years at this location during heavy rainfall events. I/I work will include a combination of flow monitoring, CCTV and follow-up investigations to known problem areas so the Town can plan repairs that will eliminate the likelihood of SSOs. Areas that have been identified for I/I investigation during this phase include the Potash Brook Sewer Interceptor (PBSI), the French River Sewer Interceptor (FRSI), Nichols College influent on Tanyard Road, Chase Avenue Area, Pattison Avenue Pumping Station and associated tributaries to the pump station. These investigations will help narrow down the I/I in the sewer system for Dudley to determine cost-effective corrections to address the SSO issue.

Cybersecurity Improvement Grant Commitment and Agreement

Holyoke DWC-26-32
Cybersecurity Improvement Grant Program

Clean Water Commitments

Barnstable CW-25-75
Route 28 West Sewer Expansion Project
The project includes the construction of approximately 25,000 linear feet of associated gravity sewer, 23,000 linear feet of sewer force main, and five new sewer pump stations that will convey all project area wastewater flows to Phinney's Lane Pump Station, and ultimately on to the existing Water Pollution Control Facility (WPCF). The Route 28 West project is a critical element toward building an extensive wastewater collection system that will eventually serve more than 7,000 properties in conjunction with implementation of the town's thirty-year phased Comprehensive Wastewater Management Plan.

Barnstable CW-25-77
Centerville Village Sewer Expansion - South Phase
The project is being implemented to achieve the nitrogen Total Maximum Daily Load (TMDL) in the Centerville River Watershed consistent with the Town's CWMP. The project will install approximately 2.5 miles of sewers and three (3) new pump stations connecting 150 properties to municipal sewer. Additionally, this project will lead to the areas adjacent to impaired waters and nearby wetlands being sewered improving the water quality in those areas.

Barnstable CW-25-82
Phinney's Lane Neighborhoods Sewer Expansion
The project includes construction of a sewer collection system consistent with Phase I of the Town's Comprehensive Wastewater Management Plan to improve water quality in the nitrogen impaired Centerville River in Lake Wequaquet.

Barnstable CW-25-83
Nitrogen Removal Improv. & New Headworks Facility
The project consists of construction of a new 4-stage Bardenpho process followed by a membrane bioreactor to expand and upgrade its nutrient removal technology, and construct a new headworks facility on the site of the current Barnstable Water Pollution Control Facility. The project involves sewering Needs Area 2 as recommended in the Town's approved CWMP. The project is important to protect and improve water quality in sensitive receiving waters and environmental and recreational resources in its vicinity and downstream in the Acushnet River/Estuary and greater Buzzards Bay National Estuary.

Boston Water and Sewer Commission CW-25-73
East Boston Sewer Separation Phase IV
The project is to reduce CSO discharges in Boston's Inner Harbor and Chelsea Creek. It involves five sewer separation projects over an area of 230 acres by constructing new storm drains and allowing the existing combined sewers to function as separate sanitary sewers, or by constructing new sanitary sewers and allowing the existing combined sewer to serve as storm drains.

Chatham CW-25-65
Chatham Sewer Extension Phase 1F
The project includes extending sewers to serve portions of the Stage Harbor, Taylors Pond/Mill Creek, Sulfur Springs/Bucks Creek watersheds consistent with the Town's approved Comprehensive Wastewater Management Plan (CWMP). The project addresses nitrogen loading from septic systems by extending the wastewater collection system to serve properties within the watersheds impacting the Town's coastal estuaries.

Dennis CW-25-74
Phase 1 - WRRF and Collection System
The project includes implementation of Phase 1 of Dennis's CWMP and includes construction of a Water Resource Recovery Facility and a recharge facility, construction of a sewer "spine" from the WRRF to the commercial planning district along Route 28, and sewering in residential areas adjacent to Bass River and East-West Dennis (Route 134). The construction of the new WRRF and collection system in Phase 1 will begin to reduce nitrogen loading in the Bass River, Swan Pond, and Herring River watersheds which require a large reduction in nitrogen based on the TMDLs and MEP reports.

Eastham CW-25-50
Eastham Wastewater Phase 1
The project will construct a wastewater treatment facility (WWTF) with an initial average annual flow capacity of 115,300 gallons per day, two effluent recharge beds, and construction of a wastewater collection system, including approximately 14 miles of sewer mains and five pump stations in the Salt Pond sub-watershed and along the Route 6 corridor. The project is being implemented consistently with the Town's Targeted Wastewater Management Plan.

Fitchburg CW-25-67
CSO 045, 083 Separation/Rehabilitation
The project involves the separation of an estimated 10,600 linear feet (LF) of combined sewers and the closure of 2 CSO regulators (CSO 045 and 083) that have discharged an estimated 48.9 million gallons of untreated combined sewage into the North Nashua River between 2015 and 2023. The project will also include approximately 12,700 LF of trenchless rehabilitation of sanitary sewers to reduce infiltration/inflow upstream of the 2 regulators. The project will also include green infrastructure and will include stormwater improvements for the 2070 10-year, 24-hour storm event.

Gloucester CW-25-85
WPCF Secondary Treatment and Facility Upgrades
The project includes modifications and additions to the existing facility that include the replacement of aged systems as well
as the addition of new secondary treatment systems in accordance with the City's NPDES permit and USEPA Consent Decree.

Harwich CW-25-51
Harwich Great Sand Lakes Sewer Extension
The project will continue the sewer extension consistent with the approved CWMP to protect the Great Sand Lakes (Bucks Pond, John Joseph Pond, Kiddies Pond, Sand Lake) from the potential for nutrients to leach from the septic systems into the freshwater ponds.

Haverhill CW-25-76
Locke Street Sewer Separation - Phase 2
The project is the second phase of a project separating approximately 18,000 LF of combined sewers in Locke Street area of Haverhill. This project will install new drainage pipe, disconnecting catch basins from the sanitary sewer and connect them to separate storm sewer and rehabilitating existing sewers and manholes. This project is part of Haverhill's 2017 Integrated FLTCP and 2016 Consent Decree, and will reduce the volume and frequency of combined sewer overflow (CSO) discharges from three CSO regulators within the Locke Street Area to the Little River and Merrimack River.

Hull CW-25-58
Collection System Improvements Phase 2
The project will implement sewer repairs to address inflow and infiltration, structural damage, and water quality issues, and it includes pipe replacement, CIPP, pipe joint test and seal, manhole rehabilitation, manhole frame and cover replacement, redirection of catch basin/private drains and rain leaders, removal of intruding service laterals, and heavy pipe cleaning.

Hull CW-25-78
Secondary Clarifiers, Grit, and Building Upgrades
The project will implement upgrades identified in the 2020 Facility Plan that include replacing new secondary clarifier mechanisms, the grit removal system, new pumps, piping, valves, and appurtenances for RAS, WAS, and secondary scum systems; new windows, doors, and energy-efficient lighting in the Control Building; and other various structural, architectural, electrical, SCADA, HVAC, and plumbing upgrades to the Control Building and Secondary Pump Room.

Lowell CW-25-71
Downtown Area and Interceptor Sewer Improvements
The project will rehabilitate and reduce infiltration and inflow (I/I) from some of the most critical and oldest infrastructure in the City's collection system according with the recommendations from the 2023 Infiltration and Inflow Analysis Report and addresses system defects identified through the Phase 1 Sanitary Sewer Evaluation Survey field investigations. This project is in alignment with the City's Consent Decree with EPA/DEP to reduce I/I in the collection system and includes 1,200 feet of sewer replacement, 16,000 feet of cured-in-place pipelining, manhole rehabilitation, grouting and sealing of interceptor joints, and other related rehabilitation efforts.

Lowell CW-25-72
Phase 3A Sewer System Separation Project
The project will complete sewer separation of the first two of four combined sewer areas in the Warren CSO Basin (Grand, Pevey, Middlesex, and Saunders). The project will address SSOs that are required under the City's 2024 Consent Decree (Civil Action 1:24-cv-10290).

Lowell CW-25-84
Centralville Sewer Separation Program – Phase 1
The project will separate the CSS in a portion of Lowell that conveys flow from a 400-acre area in Lowell and a separated 500-acre area in Dracut (surface flow into the sewer via Humphrey's Brook). Separation will be completed in two phases: Phase 1 is the installation of the mainline pipe (approximately 7,500 feet from 36-inches to large box culverts) to remove brook flow from the sewer system. The project will reduce CSO discharges at the West CSO Outfall.

Mashpee CW-25-55
Mashpee-Wakeby Watershed Wastewater System
The Town of Mashpee (Town) is submitting a Project Evaluation Form (PEF) for the Mashpee 2025 –Mashpee-Wakeby Watershed Wastewater System project. The project is for sewering as well as a satellite treatment facility in the Town within a severely degraded watershed – Popponesset Bay – which has a TMDL for nitrogen (Attachment H). The proposed area will reduce the phosphorous load from the Mashpee-Wakeby Pond subwatershed as well as reduce nitrogen levels in Popponesset Bay.

Mashpee CW-25-70
Phase 2 Mashpee Treatment and Collection System
The project will expand the treatment capacity at the Mashpee WRRF and expand the collection system in the Mashpee River watershed. The project is a critical component of the centralized infrastructure outlined in the Town's Watershed Nitrogen Management Plan, required to meet the Town's nitrogen Total Maximum Daily Loads (TMDLs).

Nantucket CW-25-52
Phase 2 Surfside WWTF Improvements
The project includes upgrades to the Surfside WWTF, as detailed within the Town's 2014 CWMP Update, targeting nutrient removal consistent with TMDLs for nitrogen reduction within needs areas included under the Massachusetts Estuaries Program (MEP).

New Bedford CW-25-64
Wamsutta Street Pumping Station Improvements
The project includes the first phase of major upgrades to the Wamsutta Street Pumping Station based on the City's January 2017 draft Long Term CSO Control and Integrated Capital Improvements Plan (Project PS25).

New Bedford CW-25-68
Wastewater Collection System Improvements
The project involves improvements to the wastewater collection system and includes three contracts: Contract 1 - Phase 3 Coggeshall Street Sewer Separation, Contract 2 - Illicit Discharge Removal Program, and Contract 3 - Phase 1 Interceptor and Collector Sewer Rehabilitation Program.

New Bedford CW-25-81
Phase I Sewer System Rehabilitation
The project involves the rehabilitation of sewer pipe based on the recommendations of the Phase I SSES project.

Orleans CW-25-49
Lakes and Ponds Area Collection System and PS
The project will connect 390 properties to the municipal sewer system. Infrastructure includes approximately 6,500 LF of 8-inch and 15-inch gravity sewer; 32,400 LF of low-pressure sewer; 6,150 LF of 8-inch force main; and 1 submersible pump station. The project is needed for the Town to meet TMDL limits.

Swampscott CW-25-80
Sewer Rehabilitation in Phase 2B Area
The project will rehabilitate the sewer collection system to mitigate non-stormwater discharges entering the storm drain system within select portions of the Phase 2B Area that are impairing surface water quality in Nahant Bay. In addition, the project will reduce infiltration and inflow into the sewers and initiate structural rehabilitation of the Town's older mainline sewers, laterals, and manholes.

Yarmouth CW-25-69
Phase I - WRRF and Collection System
The Project implements Phase 1 of Yarmouth's CWMP that includes: construction of Water Resource Recovery Facility, construction of effluent recharge site and collection system with sewering (approximately 78,000 ft) and pumping stations along Rte. 28, from the Barnstable town line to the Bass River, along with sewering on South Shore Drive. The construction of the new WRRF and collection system in Phase 1 will begin to reduce nitrogen loading in the nitrogen-sensitive Bass River, Parkers River, and Lewis Bay watersheds. These watersheds require a large reduction in nitrogen based on the MEP reports and TMDLs. Phase 1 will also help protect municipal drinking water wells from contamination by reducing on-site septic systems.

Drinking Water Commitments

Attleboro DW-25-36
Wading River Water Treatment Plant
The work generally includes construction of a proposed water treatment plant capable of treating up to 2.0 MGD, including flocculation tanks, DAF filter units, granular media filters, PFAS filters, and all associated electrical, instrumentation, and controls, HVAC, Plumbing, chemical feed systems, and a building to house all the equipment. Site work will include new water mains, parking area, and stormwater management.

Barnstable DW-25-31
Straightway & Hyannisport PFAS Treatment Facility
This project is to construct drinking water treatment facility upgrades necessary to remove PFAS6, iron and manganese, and 1,4-Dioxane to below the regulatory limits for Barnstable's Hyannis Water System Straightway and Hyannisport Treatment Facilities. The upgrades will expand and winterize the existing seasonal PFAS system and restore the facilities' full permitted capacity equal to a third of HWS total capacity. The project will include well replacement, granular activated carbon for PFAS adsorption, greensand filters for removal or iron and manganese, and Ultraviolet Advanced Oxidation Process (UV-AOP) for 1,4-Dioxane destruction, along with associated site work to construct a new treatment building and pump station.

Bellingham DW-25-26
PFAS Treatment at Hartford Avenue WTP
The project includes the construction of a new building to house the equipment needed for PFAS removal and TOC removal. Treatment will include Granular Activated Carbon for PFAS removal and ACTIFLO Carb for organics removal. The completed project will improve drinking water quality by reducing high PFAS and TTHM concentrations.

Braintree DW-25-21
Tri-Town Regional Water Treatment Plant
The proposed Tri-Town Regional Water Treatment Plant (TTRWTP) project would create a regional facility to replace the existing Braintree WTP and Randolph/Holbrook WTP. The new regional facility would eliminate redundancies of having two individual plants and their associated capital and operation and maintenance costs. The new Tri-Town WTP will help protect public health by reducing bacteria, carcinogenic compounds, and disinfectant byproducts present in the current systems. The water treatment process would be as follows:
- Polymer and PACL addition for coagulation of raw water
- Dissolved air floatation (DAF) for removal of larger, coagulated solids
- Granular activated carbon (GAC) filtration for removal of per- and polyfluoroalkyl substances (PFAS) and smaller, finer solids
- Chlorine addition for disinfection and pH adjustment for corrosion control
The new TTRWTP will incorporate improved treatment technology in order to provide high quality finished water and to maintain distribution system residuals. The regional facility, with a design capacity of 12.5 MGD, would meet all current and anticipated drinking water standards, and would also improve the aesthetic quality of drinking water for Braintree, Randolph, and Holbrook.

Chelmsford Water District DW-25-29
Chelmsford WD PFAS Treatment
The project involves treatment of PFAS6 that is above the Massachusetts standard at the Crooked Springs WTP (CSWTP). The project also includes the consolidation of PFAS treatment for the Spring Street WTP (SSWTP) at the CSWTP site with finished water being conveyed through a new approximately 2.5-mile transmission main. In addition, the project will install another PFAS treatment system at Riverneck WTP (RNWTP).

Dracut Water Supply District DW-25-34
PFAS Water Treatment Plant Expansion
The project consists primarily of the construction of a new treatment facility at the Tyngsborough Wellfield Water Treatment Plant that will provide treatment for per- and poly-fluoroalkyl substances (PFAS). The project will also include booster pump station improvements to supply treated water to both current and potential future connections.

Foxborough DW-25-12
Oak Street PFAS Water Treatment Upgrades
The project includes PFAS treatment upgrades at the existing Oak Street Water Treatment Plant where finished water shows concentrations of PFAS6 approaching the MassDEP MCL of 20 parts per trillion.

Franklin DW-25-16
Franklin Hayward St. WTP Improvements
The Project involves treatment of iron and manganese in wells 1, 2, 2a, and 2b as well as PFAS treatment at the Hayward St Water Treatment Plant (WTP). A conceptual design for the treatment of PFAs for wells 1, 2, 2a and 2b, as well as future treatment of well 9, are included in the project scope.

Grafton Water District DW-25-25
East St. and Worcester St. PFAS Treatment Upgrades
The project includes construction of two new water treatment plants: one at the Grafton Water District's East Street Water Treatment Plant and one at the Worcester Street Water Treatment Plant to remove Per- and Polyfluorinated Substances (PFAS) concentrations below 4 ppt. The new treatment system will include media adsorption for removal of these compounds.

Holbrook DW-25-23

Tri-Town Regional Water Treatment Plant

The proposed Tri-Town Regional Water Treatment Plant (TTRWTP) project would create a regional facility to replace the existing Braintree WTP and Randolph/Holbrook WTP. The new regional facility would eliminate redundancies of having two individual plants and their associated capital and operation and maintenance costs. The new Tri-Town WTP will help protect public health by reducing bacteria, carcinogenic compounds, and disinfectant byproducts present in the current systems. The water treatment process would be as follows:

- Polymer and PACL addition for coagulation of raw water
- Dissolved air floatation (DAF) for removal of larger, coagulated solids
- Granular activated carbon (GAC) filtration for removal of per- and polyfluoroalkyl substances (PFAS) and smaller, finer solids
- Chlorine addition for disinfection and pH adjustment for corrosion control

The new TTRWTP will incorporate improved treatment technology in order to provide high quality finished water and to maintain distribution system residuals. The regional facility, with a design capacity of 12.5 MGD, would meet all current and
anticipated drinking water standards, and would also improve the aesthetic quality of drinking water for Braintree, Randolph, and Holbrook.

Ipswich DW-25-35

Ipswich Water Treatment Plant

The project involves construction of a new water treatment facility. The existing IWTP was constructed in 1988 and since its construction, no significant upgrades have been performed on the facility. Additionally, Brown's Well is now being sent to the WTP due to diminishing groundwater quality and PFAS discovery. Mile Lane well has elevating PFAS levels >10 and Fellows Well has elevated Mn necessitating building reliability, redundancy and capacity for further source treatment at a new plant. The surface water supply is heavily impacted by drought conditions. To this end, the Town requires a new water treatment facility with improved treatment technologies to fully utilize their sources and provide sufficient redundancy to meet the projected maximum day demand. The new facility will include chlorine dioxide, dissolved air flotation, and gravity filtration with GAC for PFAS removal.

Middleborough DW-25-27

East Grove Street Water Treatment Plant

The project involves construction of a permanent treatment system consisting of a two-stage process for treating iron in the first stage, followed by PFAS treatment in the second stage. The vessels will be housed in a new building to be constructed at East Grove Street well site.

Pepperell DW-25-17

Jersey Street Well Water Treatment Plant

The project includes construction of a new treatment plant to remove PFAS6 contamination at the Jersey Street Wells.

Plainville DW-25-32
Turnpike Lake PFAS Water Treatment Plant
This project involves the construction of a new 1 MGD water treatment plant. GreensandPlus filters will be used to remove iron, manganese, and natural organic matter. GAC filters will be used to remove PFAS to a non-detectable level. Disinfection and oxidation will be achieved through chemical dosing designed to limit disinfection byproducts (DBPs). An underground storage tank will be installed for reclaimed GAC backwash. A lagoon may be constructed for sludge waste. Chemical analyzers will be used to monitor contaminant levels pre- and post-treatment.

Randolph DW-25-22
Tri-Town Regional Water Treatment Plant
The proposed Tri-Town Regional Water Treatment Plant (TTRWTP) project would create a regional facility to replace the existing Braintree WTP and Randolph/Holbrook WTP. The new regional facility would eliminate redundancies of having two individual plants and their associated capital and operation and maintenance costs. The new Tri-Town WTP will help protect public health by reducing bacteria, carcinogenic compounds, and disinfectant byproducts present in the current systems. The water treatment process would be as follows:
- Polymer and PACL addition for coagulation of raw water
- Dissolved air floatation (DAF) for removal of larger, coagulated solids
- Granular activated carbon (GAC) filtration for removal of per- and polyfluoroalkyl substances (PFAS) and smaller, finer solids
- Chlorine addition for disinfection and pH adjustment for corrosion control
The new TTRWTP will incorporate improved treatment technology in order to provide high quality finished water and to maintain distribution system residuals. The regional facility, with a design capacity of 12.5 MGD, would meet all current and anticipated drinking water standards, and would also improve the aesthetic quality of drinking water for Braintree, Randolph, and Holbrook.

Scituate DW-25-28
Surface Water Treatment Plant
The Project includes the construction of a new water treatment facility in accordance with the Administrative Consent Order (ACO) received in August 2020. The new water treatment facility will include plate settler clarification, dual media filter treatment, new emergency back-up power, intake piping, interconnection piping and appurtenances. The completed project will improve drinking water quality by reducing high manganese and iron concentrations and eliminate microbiological contaminations and discoloration.

Sharon DW-25-24
Wells 2 & 4 Water Treatment Plant
The Project consists of the construction of a permanent treatment facility to reduce PFAS6 and manganese levels in the finished water from Wells 2 & 4.

Shrewsbury DW-25-37
Home Farm WTP PFAS Treatment Upgrades
The project will expand treatment operations at the Home Farm Water Treatment Plant (WTP) and includes construction of a new building with PFAS treatment equipment for all of the Town's groundwater sources. The new building will include pressure vessels for PFAS treatment, and new aeration towers. The completed project will reduce PFAS concentrations in finished water, allow the Town to utilize the full permitted capacity of groundwater wells with higher PFAS concentrations, and reduce operation and maintenance costs related to pH adjustment and VOC removal. The new treatment equipment will match the 7.0 million gallon per day (mgd) treatment capacity of the existing WTP.

Uxbridge DW-25-33
Blackstone Water Treatment Plant
The project includes construction of a new 1.2 MGD water treatment plant at the Town of Uxbridge's Blackstone well site to remove high concentrations of manganese and PFAS. The new treatment system will include filtration for iron and manganese removal followed by media adsorption for removal of PFAS compounds. Additional upgrades include new chemical treatment systems, piping, and other utilities at the site. Construction of this treatment plant allows the Town to return an offline well to service and reduces the need to limit production capacity by blending of the remaining wells.

Webster DW-25-01
PFAS Water Treatment Plants
The Project consists of the construction of two new PFAS water treatment plants and a meter system upgrade project. The WTPs will remove PFAS to below regulatory limits from both the Memorial Beach and Bigelow Well Sites. The proposed new WTP at the Bigelow site will also remove manganese to below regulatory limits. Two replacement wells will also be installed to improve system redundancy. The water meter upgrade project will significantly reduce the Town's unaccounted for water (UAW).

Westford DW-25-30
Forge Village & Nutting Road PFAS Treatment Upgrades
The project consists of the construction of two water treatment plants for PFAS treatment at the town's Forge Village and Nutting Road treatment sites. The new treatment systems will include media adsorption for the removal of PFAS compounds following existing iron and manganese filtration. Construction of these treatment plants will allow the town to return the currently offline Country Road Well back to service.

Yarmouth DW-25-20
Yarmouth Wells 10 & 11 PFAS Treatment
The project will design and construct drinking water treatment facility upgrades necessary to remove PFAS to below the regulatory limits for Yarmouth Water Department (PWSID #4351000) wells 10 and 11 which are currently offline due to PFAS exceedances. The proposed design includes a combined seasonal filtration system for wells 10 and 11, approximately 1,000' of new 8" raw water main, a backup generator for the facility, and other ancillary upgrades necessary to install filters at the site.

Clean Water Agreements

Barnstable CWP-25-75
Route 28 West Sewer Expansion Project
The project includes the construction of approximately 25,000 linear feet of associated gravity sewer, 23,000 linear feet of sewer force main, and five new sewer pump stations that will convey all project area wastewater flows to Phinney's Lane Pump Station, and ultimately on to the existing Water Pollution Control Facility (WPCF). The Route 28 West project is a critical element toward building an extensive wastewater collection system that will eventually serve more than 7,000 properties in conjunction with implementation of the town's thirty-year phased Comprehensive Wastewater Management Plan.

Barnstable CWP-25-75-A
Route 28 West Sewer Expansion Project
The project includes the construction of approximately 25,000 linear feet of associated gravity sewer, 23,000 linear feet of sewer force main, and five new sewer pump stations that will convey all project area wastewater flows to Phinney's Lane Pump Station, and ultimately on to the existing Water Pollution Control Facility (WPCF). The Route 28 West project is a critical element toward building an extensive wastewater collection system that will eventually serve more than 7,000 properties in conjunction with implementation of the town's thirty-year phased Comprehensive Wastewater Management Plan.

Barnstable CWP-25-83
Nitrogen Removal Improv. & New Headworks Facility
The project consists of construction of a new 4-stage Bardenpho process followed by a membrane bioreactor to expand and upgrade its nutrient removal technology, and construct a new headworks facility on the site of the current Barnstable Water Pollution Control Facility. The project involves sewering Needs Area 2 as recommended in the Town's approved CWMP. The project is important to protect and improve water quality in sensitive receiving waters and environmental and recreational resources in its vicinity and downstream in the Acushnet River/Estuary and greater Buzzards Bay National Estuary.

Dennis CWP-25-74
Phase 1 - WRRF and Collection System
The project includes implementation of Phase 1 of Dennis's CWMP and includes construction of a Water Resource Recovery Facility and a recharge facility, construction of a sewer "spine" from the WRRF to the commercial planning district along Route 28, and sewering in residential areas adjacent to Bass River and East-West Dennis (Route 134). The construction of the new WRRF and collection system in Phase 1 will begin to reduce nitrogen loading in the Bass River, Swan Pond, and Herring River watersheds which require a large reduction in nitrogen based on the TMDLs and MEP reports.

Harwich CWP-24-76
Harwich Route 28 Sewer Project
The Harwich Rt. 28 Sewer Construction Project will allow the town to continue implementing their approved Comprehensive Wastewater Management Plan (CWMP). This project will continue the sewer implementation called for in the CWMP to address nitrogen loading from septic systems by implementing a wastewater collection system to serve watersheds that impact coastal estuaries. This project will address a portion of the Herring River Watershed.

Lowell CWP-24-42
Centralville Sewer Separation Program – Phase 1
The project will separate the CSS in a portion of Lowell that conveys flow from a 400-acre area in Lowell and a separated 500-acre area in Dracut (surface flow into the sewer via Humphrey's Brook). Separation will be completed in two phases: Phase 1 is the installation of the mainline pipe (approximately 7,500 feet from 36-inches to large box culverts) to remove brook flow from the sewer system. The project will reduce CSO discharges at the West CSO Outfall.

Lowell CWP-24-42-A
Centralville Sewer Separation Program – Phase 1
The project will separate the CSS in a portion of Lowell that conveys flow from a 400-acre area in Lowell and a separated 500-acre area in Dracut (surface flow into the sewer via Humphrey's Brook). Separation will be completed in two phases: Phase 1 is the installation of the mainline pipe (approximately 7,500 feet from 36-inches to large box culverts) to remove brook flow from the sewer system. The project will reduce CSO discharges at the West CSO Outfall.

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Mashpee CWP-25-70
Phase 2 Mashpee Treatment and Collection System
The project will expand the treatment capacity at the Mashpee WRRF and expand the collection system in the Mashpee River watershed. The project is a critical component of the centralized infrastructure outlined in the Town's Watershed Nitrogen Management Plan, required to meet the Town's nitrogen Total Maximum Daily Loads (TMDLs).

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New Bedford CWP-25-68
Wastewater Collection System Improvements
The project involves improvements to the wastewater collection system and includes three contracts: Contract 1 - Phase 3 Coggeshall Street Sewer Separation, Contract 2 - Illicit Discharge Removal Program, and Contract 3 - Phase 1 Interceptor and Collector Sewer Rehabilitation Program.

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Yarmouth CWP-25-69
Phase I - WRRF and Collection System
The Project implements Phase 1 of Yarmouth's CWMP that includes: construction of Water Resource Recovery Facility, construction of effluent recharge site and collection system with sewering (approximately 78,000 ft) and pumping stations along Rte. 28, from the Barnstable town line to the Bass River, along with sewering on South Shore Drive. The construction of the new WRRF and collection system in Phase 1 will begin to reduce nitrogen loading in the nitrogen-sensitive Bass River, Parkers River, and Lewis Bay watersheds. These watersheds require a large reduction in nitrogen based on the MEP reports and TMDLs. Phase 1 will also help protect municipal drinking water wells from contamination by reducing on-site septic systems.

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Drinking Water Agreements

Attleboro DWPEC-25-36
Wading River Water Treatment Plant
The work generally includes construction of a proposed water treatment plant capable of treating up to 2.0 MGD, including flocculation tanks, DAF filter units, granular media filters, PFAS filters, and all associated electrical, instrumentation, and controls, HVAC, Plumbing, chemical feed systems, and a building to house all the equipment. Site work will include new water mains, parking area, and stormwater management.

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Straightway & Hyannisport PFAS Treatment Facility
This project is to construct drinking water treatment facility upgrades necessary to remove PFAS6, iron and manganese, and 1,4-Dioxane to below the regulatory limits for Barnstable's Hyannis Water System Straightway and Hyannisport Treatment Facilities. The upgrades will expand and winterize the existing seasonal PFAS system and restore the facilities' full permitted capacity equal to a third of HWS total capacity. The project will include well replacement, granular activated carbon for PFAS adsorption, greensand filters for removal or iron and manganese, and Ultraviolet Advanced Oxidation Process (UV-AOP) for 1,4-Dioxane destruction, along with associated site work to construct a new treatment building and pump station.

Bellingham DWPEC-25-26
PFAS Treatment at Hartford Avenue WTP
The project includes the construction of a new building to house the equipment needed for PFAS removal and TOC removal. Treatment will include Granular Activated Carbon for PFAS removal and ACTIFLO Carb for organics removal. The completed project will improve drinking water quality by reducing high PFAS and TTHM concentrations.

Braintree DWPEC-25-21
Tri-Town Regional Water Treatment Plant
The proposed Tri-Town Regional Water Treatment Plant (TTRWTP) project would create a regional facility to replace the existing Braintree WTP and Randolph/Holbrook WTP. The new regional facility would eliminate redundancies of having two individual plants and their associated capital and operation and maintenance costs. The new Tri-Town WTP will help protect public health by reducing bacteria, carcinogenic compounds, and disinfectant byproducts present in the current systems. The water treatment process would be as follows:
- Polymer and PACL addition for coagulation of raw water
- Dissolved air floatation (DAF) for removal of larger, coagulated solids
- Granular activated carbon (GAC) filtration for removal of per- and polyfluoroalkyl substances (PFAS) and smaller, finer solids
- Chlorine addition for disinfection and pH adjustment for corrosion control
The new TTRWTP will incorporate improved treatment technology in order to provide high quality finished water and to maintain distribution system residuals. The regional facility, with a design capacity of 12.5 MGD, would meet all current and anticipated drinking water standards, and would also improve the aesthetic quality of drinking water for Braintree, Randolph, and Holbrook.

Franklin DWEC-25-16
Franklin Hayward St. WTP Improvements
The Project involves treatment of iron and manganese in wells 1, 2, 2a, and 2b as well as PFAS treatment at the Hayward St Water Treatment Plant (WTP). A conceptual design for the treatment of PFAs for wells 1, 2, 2a and 2b, as well as future treatment of well 9, are included in the project scope.

Grafton Water District DWEC-25-25
East St. and Worcester St. PFAS Treatment Upgrades
The project includes construction of two new water treatment plants: one at the Grafton Water District's East Street Water Treatment Plant and one at the Worcester Street Water Treatment Plant to remove Per- and Polyfluorinated Substances (PFAS) concentrations below 4 ppt. The new treatment system will include media adsorption for removal of these compounds.

Holbrook DWPEC-25-23
Tri-Town Regional Water Treatment Plant
The proposed Tri-Town Regional Water Treatment Plant (TTRWTP) project would create a regional facility to replace the existing Braintree WTP and Randolph/Holbrook WTP. The new regional facility would eliminate redundancies of having two individual plants and their associated capital and operation and maintenance costs. The new Tri-Town WTP will help protect public health by reducing bacteria, carcinogenic compounds, and disinfectant byproducts present in the current systems. The water treatment process would be as follows:
- Polymer and PACL addition for coagulation of raw water
- Dissolved air floatation (DAF) for removal of larger, coagulated solids
- Granular activated carbon (GAC) filtration for removal of per- and polyfluoroalkyl substances (PFAS) and smaller, finer solids
- Chlorine addition for disinfection and pH adjustment for corrosion control
The new TTRWTP will incorporate improved treatment technology in order to provide high quality finished water and to maintain distribution system residuals. The regional facility, with a design capacity of 12.5 MGD, would meet all current and
anticipated drinking water standards, and would also improve the aesthetic quality of drinking water for Braintree, Randolph, and Holbrook.

Middleborough DWPEC-25-27
East Grove Street Water Treatment Plant
The project involves construction of a permanent treatment system consisting of a two-stage process for treating iron in the first stage, followed by PFAS treatment in the second stage. The vessels will be housed in a new building to be constructed at East Grove Street well site.

Plainville DWEC-25-32
Turnpike Lake PFAS Water Treatment Plant
This project involves the construction of a new 1 MGD water treatment plant. GreensandPlus filters will be used to remove iron, manganese, and natural organic matter. GAC filters will be used to remove PFAS to a non-detectable level. Disinfection and oxidation will be achieved through chemical dosing designed to limit disinfection byproducts (DBPs). An underground storage tank will be installed for reclaimed GAC backwash. A lagoon may be constructed for sludge waste. Chemical analyzers will be used to monitor contaminant levels pre- and post-treatment.

Randolph DWPEC-25-22
Tri-Town Regional Water Treatment Plant
The proposed Tri-Town Regional Water Treatment Plant (TTRWTP) project would create a regional facility to replace the existing Braintree WTP and Randolph/Holbrook WTP. The new regional facility would eliminate redundancies of having two individual plants and their associated capital and operation and maintenance costs. The new Tri-Town WTP will help protect public health by reducing bacteria, carcinogenic compounds, and disinfectant byproducts present in the current systems. The water treatment process would be as follows:
- Polymer and PACL addition for coagulation of raw water
- Dissolved air floatation (DAF) for removal of larger, coagulated solids
- Granular activated carbon (GAC) filtration for removal of per- and polyfluoroalkyl substances (PFAS) and smaller, finer solids
- Chlorine addition for disinfection and pH adjustment for corrosion control
The new TTRWTP will incorporate improved treatment technology in order to provide high quality finished water and to maintain distribution system residuals. The regional facility, with a design capacity of 12.5 MGD, would meet all current and anticipated drinking water standards, and would also improve the aesthetic quality of drinking water for Braintree, Randolph, and Holbrook.

Scituate DW-25-28
Surface Water Treatment Plant
The Project includes the construction of a new water treatment facility in accordance with the Administrative Consent Order (ACO) received in August 2020. The new water treatment facility will include plate settler clarification, dual media filter treatment, new emergency back-up power, intake piping, interconnection piping and appurtenances. The completed project will improve drinking water quality by reducing high manganese and iron concentrations and eliminate microbiological contaminations and discoloration.

Sharon DWEC-25-24
Wells 2 & 4 Water Treatment Plant
The Project consists of the construction of a permanent treatment facility to reduce PFAS6 and manganese levels in the finished water from Wells 2 & 4.

Shrewsbury DWEC-25-37
Home Farm WTP PFAS Treatment Upgrades
The project will expand treatment operations at the Home Farm Water Treatment Plant (WTP) and includes construction of a new building with PFAS treatment equipment for all of the Town's groundwater sources. The new building will include pressure vessels for PFAS treatment, and new aeration towers. The completed project will reduce PFAS concentrations in finished water, allow the Town to utilize the full permitted capacity of groundwater wells with higher PFAS concentrations, and reduce operation and maintenance costs related to pH adjustment and VOC removal. The new treatment equipment will match the 7.0 million gallon per day (mgd) treatment capacity of the existing WTP.

Uxbridge DWPEC-25-33
Blackstone Water Treatment Plant
The project includes construction of a new 1.2 MGD water treatment plant at the Town of Uxbridge's Blackstone well site to remove high concentrations of manganese and PFAS. The new treatment system will include filtration for iron and manganese removal followed by media adsorption for removal of PFAS compounds. Additional upgrades include new chemical treatment systems, piping, and other utilities at the site. Construction of this treatment plant allows the Town to return an offline well to service and reduces the need to limit production capacity by blending of the remaining wells.

Webster DWPEC-25-01
PFAS Water Treatment Plants
The Project consists of the construction of two new PFAS water treatment plants and a meter system upgrade project. The WTPs will remove PFAS to below regulatory limits from both the Memorial Beach and Bigelow Well Sites. The proposed new WTP at the Bigelow site will also remove manganese to below regulatory limits. Two replacement wells will also be installed to improve system redundancy. The water meter upgrade project will significantly reduce the Town's unaccounted for water (UAW).

Westford DWEC-25-30
Forge Village & Nutting Road PFAS Treatment Upgrades
The project consists of the construction of two water treatment plants for PFAS treatment at the town's Forge Village and Nutting Road treatment sites. The new treatment systems will include media adsorption for the removal of PFAS compounds following existing iron and manganese filtration. Construction of these treatment plants will allow the town to return the currently offline Country Road Well back to service.