

County of Plymouth, Massachusetts Recovery Plan

State and Local Fiscal Recovery Funds 2024 Report

County of Plymouth, Massachusetts
2024 Recovery Plan

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GENERAL OVERVIEW

Executive Summary

The County of Plymouth (“the County”) recognizes the significant impact that the COVID-19 pandemic has had within our communities and the historic opportunity State and Local Fiscal Recovery Funds provide to address that challenge. When the U.S. Treasury released the Interim Final Rule in May 2021, the County began the process of participating in a variety of webinars hosted by the White House, National Association of Counties, Commonwealth of Massachusetts, and the Government Finance Officers Association to gain a thorough knowledge of the eligible uses of these funds and the corresponding reporting requirements. The County of Plymouth applied for, and was awarded, \$101,237,378 on July 1, 2021, and received its first tranche of \$50,618,689 on July 13, 2021. The remaining award amount of \$50,618,689 was received by the County on July 14, 2022.

The work to obtain community input and layout their priorities extended into March 2022 after the U.S. Treasury released the Final Rule on January 6, 2022. As one of the County’s top priorities, equity will be a foundation of the process for distributing these funds. The County is currently working with an accounting firm that has established a secured web-based application process to facilitate the review, auditing, and accounting process for the firm and applicants. Discussions with the community leaders of the twenty-seven municipalities within the County have highlighted the need to explore uses that support public health, including mental health and mitigating the spread of COVID-19; water, sewer, and broadband infrastructure; education assistance; and additional revenue losses due to the pandemic. We anticipate that future discussions throughout the period of performance will outline additional strategies to maximize programmatic impact and ensure effective, efficient, and equitable outcomes for those disproportionately impacted.

The County of Plymouth is committed to a collaborative, transparent process that will address the negative impact of COVID-19 in all 27 municipalities within the County and relishes the opportunity to partner with the federal government to provide much needed assistance to our local residents. As a result, the County of Plymouth has a dedicated website at www.plymouthcountyarpa.com to increase the access to timely information.

Uses of Funds

The County of Plymouth has employed and will continue to employ the \$101,237,378 award amount of American Rescue Plan Act funds in alignment with the goals of the municipalities and in compliance with the guidance received from the US Treasury. The guidance provides for the following general categories: Public Health; Negative Economic Impacts; Public Health-Negative Economic Impact; Public Sector Capacity; Premium Pay; Revenue Loss; and Investments in Water, Sewer and Broadband Infrastructure. The County has initiated a robust community engagement process, through its municipal leaders, for the allocation of funds. To date, the County has spent \$57,711,893.51 of the ARPA funds received, including \$57,120,622.61 for project costs and \$591,270.90 for administrative expenses.

Table of Expenses by Expenditure Category

	Category	Cumulative expenditures to date (\$)	Amount spent since last Recovery Plan
Expenditure Category: 1. Public Health			
COVID-19 Mitigation & Prevention			
1.1	COVID-19 Vaccination	\$0.00	\$0.00
1.2	COVID-19 Testing	\$278,200.00	\$0.00
1.3	COVID-19 Contact Tracing	\$0.00	\$0.00
1.4	Prevention in Congregate Settings (Nursing Homes, Prisons/Jails, Dense Work Sites, Schools, Child care facilities, etc.)	\$6,247,698.54	\$744,758.54
1.5	Personal Protective Equipment	\$0.00	\$0.00
1.6	Medical Expenses (including Alternative Care Facilities)	\$726,508.00	\$0.00
1.7	Other COVID-19 Public Health Expenses (including Communications, Enforcement, Isolation/Quarantine)	\$6,166,234.07	\$5,853,454.49
1.8	COVID-19 Assistance to Small Businesses	\$0.00	\$0.00
1.9	COVID 19 Assistance to Non-Profits	\$0.00	\$0.00
1.10	COVID-19 Aid to Impacted Industries	\$0.00	\$0.00
Community Violence Interventions			
1.11	Community Violence Interventions	\$0.00	\$0.00
Behavioral Health			
1.12	Mental Health Services	\$192,480.77	\$192,480.77
1.13	Substance Use Services	\$0.00	\$0.00
Other			
1.14	Other Public Health Services	\$3,389,218.14	\$3,389,218.14

	Category	Cumulative expenditures to date (\$)	Amount spent since last Recovery Plan
Expenditure Category: 2. Negative Economic Impacts			
Assistance to Households			
2.1	Household Assistance: Food Programs	\$5,799.70	\$5,799.70
2.2	Household Assistance: Rent, Mortgage, and Utility Aid	\$0.00	\$0.00
2.3	Household Assistance: Cash Transfers	\$50,000.00	\$0.00
2.4	Household Assistance: Internet Access Programs	\$0.00	\$0.00
2.5	Household Assistance: Paid Sick and Medical Leave	\$0.00	\$0.00
2.6	Household Assistance: Health Insurance	\$0.00	\$0.00
2.7	Household Assistance: Services for Un/Unbanked	\$0.00	\$0.00
2.8	Household Assistance: Survivor's Benefits	\$0.00	\$0.00
2.9	Unemployment Benefits or Cash Assistance to Unemployed Workers	\$0.00	\$0.00
2.10	Assistance to Unemployed or Underemployed Workers (e.g. job training, subsidized employment, employment supports or incentives)	\$0.00	\$0.00
2.11	Healthy Childhood Environments: Child Care	\$0.00	\$0.00
2.12	Healthy Childhood Environments: Home Visiting	\$0.00	\$0.00
2.13	Healthy Childhood Environments: Services to Foster Youth or Families Involved in Child Welfare System	\$0.00	\$0.00
2.14	Healthy Childhood Environments: Early Learning	\$0.00	\$0.00
2.15	Long-term Housing Security: Affordable Housing	\$0.00	\$0.00
2.16	Long-term Housing Security: Services for Unhoused Persons	\$0.00	\$0.00
2.17	Housing Support: Housing Vouchers and Relocation Assistance for Disproportionately Impacted Communities	\$0.00	\$0.00
2.18	Housing Support: Other Housing Assistance	\$0.00	\$0.00
2.19	Social Determinants of Health: Community Health Workers or Benefits Navigators	\$0.00	\$0.00
2.20	Social Determinants of Health: Lead Remediation	\$0.00	\$0.00
2.21	Medical Facilities for Disproportionately Impacted Communities	\$0.00	\$0.00
2.22	Strong Healthy Communities: Neighborhood Features that Promote Health and Safety	\$49,960.00	\$49,960.00
2.23	Strong Healthy Communities: Demolition and Rehabilitation of Properties^	\$0.00	\$0.00

	Category	Cumulative expenditures to date (\$)	Amount spent since last Recovery Plan
2.24	Addressing Educational Disparities: Aid to High-Poverty Districts	\$0.00	\$0.00
2.25	Addressing Educational Disparities: Academic, Social, and Emotional Services	\$0.00	\$0.00
2.26	Addressing Educational Disparities: Mental Health Services	\$0.00	\$0.00
2.27	Addressing Impacts of Lost Instructional Time	\$396,192.61	\$396,192.61
2.28	Contributions to UI Trust Funds	\$0.00	\$0.00
Assistance to Small Businesses			
2.29	Loans or Grants to Mitigate Financial Hardship	\$0.00	\$0.00
2.30	Technical Assistance, Counseling, or Business Planning	\$0.00	\$0.00
2.31	Rehabilitation of Commercial Properties or Other Improvements	\$0.00	\$0.00
2.32	Business Incubators and Start-Up or Expansion Assistance	\$0.00	\$0.00
2.33	Enhanced Support to Microbusinesses	\$0.00	\$0.00
Assistance to Non-Profits			
2.34	Assistance to Impacted Nonprofit Organizations (Impacted or Disproportionately Impacted)	\$1,000,000.00	\$1,000,000.00
Aid to Impacted Industries			
2.35	Aid to Tourism, Travel, or Hospitality	\$0.00	\$0.00
2.36	Aid to Other Impacted Industries	\$0.00	\$0.00
Other			
2.37	Economic Impact Assistance: Other	\$0.00	\$0.00
Expenditure Category: 3. Public Health-Negative Economic Impact: Public Sector Capacity			
General Provisions			
3.1	Public Sector Workforce: Payroll and Benefits for Public Health, Public Safety, or Human Services Workers	\$0.00	\$0.00
3.2	Public Sector Workforce: Rehiring Public Sector Staff	\$0.00	\$0.00
3.3	Public Sector Workforce: Other	\$0.00	\$0.00
3.4	Public Sector Capacity: Effective Service Delivery	\$0.00	\$0.00
3.5	Public Sector Capacity: Administrative Needs	\$0.00	\$0.00
3.6	Healthy Childhood Environments: Child Care	\$0.00	\$0.00
Expenditure Category: 4. Premium Pay			
4.1	Public Sector Employees	\$0.00	\$0.00
4.2	Private Sector: Grants to Other Employers	\$0.00	\$0.00

	Category	Cumulative expenditures to date (\$)	Amount spent since last Recovery Plan
Expenditure Category: 5. Infrastructure			
5.1	Clean Water: Centralized Wastewater Treatment	\$3,326,803.00	\$986,803.00
5.2	Clean Water: Centralized Wastewater Collection and Conveyance	\$560,000.00	\$460,000.00
5.3	Clean Water: Decentralized Wastewater	\$0.00	\$0.00
5.4	Clean Water: Combined Sewer Overflows	\$0.00	\$0.00
5.5	Clean Water: Other Sewer infrastructure	\$13,498,364.92	\$3,998,364.92
5.6	Clean Water: Stormwater	\$791,060.64	\$791,060.64
5.7	Clean Water: Energy Conservation	\$0.00	\$0.00
5.8	Clean Water: Water Conservation	\$0.00	\$0.00
5.9	Clean Water: Nonpoint Source	\$250,100.00	\$0.00
5.10	Drinking Water: Treatment	\$6,919,558.91	\$1,531,688.70
5.11	Drinking Water: Transmission & Distribution	\$6,097,226.77	\$4,397,226.77
5.12	Drinking Water: Lead Remediation, including in Schools and Daycares	\$0.00	\$0.00
5.13	Drinking Water: Source	\$370,000.00	\$370,000.00
5.14	Drinking Water: Storage	\$0.00	\$0.00
5.15	Drinking Water: Other Water Infrastructure	\$790,700.00	\$660,700.00
5.16	Water and Sewer: Private Wells	\$0.00	\$0.00
5.17	Water and Sewer: IIJA Bureau of Reclamation Match	\$0.00	\$0.00
5.18	Water and Sewer: Other	\$3,641,707.45	\$2,643,685.45
Broadband			
5.19	Broadband: "Last Mile" Projects	\$0.00	\$0.00
5.20	Broadband: IIJA Match	\$0.00	\$0.00
5.21	Broadband: Other Projects	\$317,610.00	\$0.00
Expenditure Category: 6. Revenue Replacement			
6.1	Provision of Government Services	\$2,055,199.09	\$2,055,199.09
6.2	Non-federal Match for Other Federal Programs	\$0.00	\$0.00
Expenditure Category: 7. Administrative			
7.1	Administrative Expenses	\$591,270.90	\$235,535.20
7.2	Transfers to Other Units of Government	\$0.00	\$0.00

Promoting Equitable Outcomes

The County of Plymouth has established equity, diversity, and inclusion as top priorities for our County. As the County completes the comprehensive application and multi-tiered review process, all steps will be taken to ensure equitable outcomes and consideration of disproportionately impacted communities and marginalized groups or individuals. Additional feedback from the community, as well as required qualitative and quantitative data, will be utilized to monitor our equity goals throughout the performance period.

Community Engagement

The County of Plymouth has received some community feedback through the public comment portion of our County Advisory Board meetings, as well as through various Zoom meetings. The County recognizes that it is vital that community feedback remain a central theme throughout this process and is considering additional methods of obtaining feedback throughout the performance period.

Labor Practices

At this time, the County of Plymouth does not have any approved or anticipated infrastructure projects or capital expenditures for which the labor practices would apply. However, the expectation is that our community partners, the County's subrecipients, have procedures in place to pay construction employees according to the Massachusetts prevailing wages, which are generally higher than federal prevailing wages.

Use of Evidence

The County of Plymouth has outlined some considerations that will ensure that evidence-based interventions and rigorous program evaluations are incorporated into the overall approach for funding distribution. However, evidence-based interventions are not relevant to the current approved projects at this time.

Performance Report

The County of Plymouth has incorporated performance management as part of the discussions with our subrecipients. The County's subrecipients track the performance indicators as applicable for their projects and report the progress to the County. Examples of such indicators include the completion of infrastructure projects to allow for cleaner and safer drinking water, providing cleaner energy, and the reduction of the spread of COVID-19.

PROJECT INVENTORY

2022 APPROVED PROJECTS

ARPA-1006: Town of Middleborough East Grove Water Treatment Plant Upgrade Evaluation
Funding amount: \$85,000
Approval date: 3/29/2022
Project Expenditure Category: 5.10 Drinking Water: Treatment
PWS ID #: PWS4182000

The East Grove Water Treatment Plant in the Town of Middleborough receives its water supply through a dug well originally installed when the facility was constructed in 1885. There have been some renovations to the existing pumping facilities, as well as treatment upgrades including the construction of a chemical addition building and slow sand filtration upgrades, but these renovations and upgrades are approaching the end of their useful life. Additionally, the original brick building is still being utilized to house water operators and operations equipment.

The ARPA funds will be used for professional engineering services for the evaluation and preliminary design of a state-of-the-art water treatment facility. This study will evaluate the existing building and treatment facilities and will identify a strategy to implement improvements that will ensure drinking water production for the next 50 years. Implementing the recommended improvements to the water treatment facility and the continued production of water will be the key performance indicators for this project.

ARPA-1009: Town of Middleborough SCADA System Upgrade
Funding amount: \$90,000
Approval date: 4/13/2022
Project Expenditure Category: 5.1 Clean Water: Centralized Wastewater Treatment
NPDES Permit #: MA 0101591

This project includes the replacement of software and hardware for the Supervisory Control and Data Acquisition (SCADA) system at the Middleborough Wastewater Treatment Plant. As part of this project, the ARPA funds will be used to provide ten new PCs for the SCADA system at the Middleborough Wastewater Treatment Facility, upgrade to the latest version of IFix SCADA software for the SCADA computers currently at the Facility, and an upgrade to one of the SCADA computers with the Win911 Alarm Dialer software. Having the SCADA PCs up and running with the IFix upgrades and maintaining the effective operation of the SCADA system are the key performance indicators for this project.

ARPA-1010: Town of Middleborough Ocean Spray Generator Replacement
Funding amount: \$100,000
Approval date: 5/11/2022

Project Expenditure Category: 5.2 Clean Water: Centralized Wastewater Collection and Conveyance
NPDES Permit #: MA 0101591

This project includes the replacement of a 1969 85 kW natural gas generator with a new natural gas generator. The Ocean Spray Generator supplies power in the event of a commercial power failure to the Town of Middleboro pump station on Bridge Street. Ocean Spray Cranberries discharges an average daily flow of 225,000 gallons of wastewater per day. Replacing the existing natural gas generator will help provide cleaner energy. Providing that cleaner energy and keeping the Ocean Spray generator going in the event of a commercial power failure are the key performance indicators for this project.

ARPA-1016: Town of Plymouth Municipal Airport Wastewater Treatment Facility Upgrade
Funding amount: \$2,250,000
Approval date: 5/20/2022
Project Expenditure Category: 5.1 Clean Water: Centralized Wastewater Treatment
NPDES Permit #: 720-2

The Plymouth Airport Wastewater Treatment Facility (WWTF) Improvements project includes, but is not limited to, improvements to the Plymouth Airport WWTF. The work includes demolition of existing equipment, installation of influent screening, replacement of sequencing batch reactor equipment, chemical metering equipment, WWTF bypass pumping and trucking, electrical, plumbing, and HVAC improvements, and the installation of all necessary equipment, piping, and appurtenances associated with all buildings and treatment processes. The project work also includes all necessary site and utility work. The Plymouth Airport is an integral part of Plymouth and the National Air Transportation System. The Airport is home to over 33 businesses that collectively employ more than 290 people. The Plymouth Airport WWTF serves this whole area. Improving the WWTF so that it continues to serve the Airport and surrounding businesses are the key performance indicators for this project.

2023 APPROVED PROJECTS

ARPA-1003: City of Brockton May Learning Center
Funding amount: \$3,998,460.00
Approval date: 11/29/2022
Project Expenditure Category: 1.4 Congregate Settings Prevention

The City of Brockton seeks to expand social distancing measures in its classrooms through the purchase and the City of Brockton's subsequent adaptation of the May Center to meet the social distancing needs of students impacted by remote learning as a result of the COVID-19 pandemic. The purpose is to expand classroom opportunities not only to meet pandemic operational needs through social distancing but also serve as a safe space for students to learn after a year of remote learning.

ARPA-1008: City of Brockton COVID-19 Testing Kits

Funding amount: \$278,200.00

Approval date: 12/13/2022

Project Expenditure Category: 1.2 COVID-19 Testing

The City of Brockton coordinated its efforts in determining infected individuals within the municipality by means of not only testing sites but individual self-test kits. The City has conducted community outreach and education and has developed a contact spreadsheet of nonprofits, city organizations, programs, churches, individuals etc., in order to set up efficient distribution logistics for COVID-19 self-testing kits.

ARPA-1001: Town of Abington Non-Point Source of Pollution Control

Funding amount: \$250,100.00

Approval date: 3/13/2023

Project Expenditure Category: 5.9 Clean Water: Nonpoint Source

NPDES Permit #: MAR041026

The Town of Abington has purchased a street sweeper as a crucial component of controlling non-point sources of pollution, and as required by MS4 Stormwater Management Program.

ARPA-1036: Town of Abington Supporting Abington Veterans with Emergency Services (SAVES) Fund

Funding amount: \$50,000.00

Approval date: 5/31/2023

Project Expenditure Category: 2.3 Household Assistance: Cash Transfers

The Town plans to use \$50,000 of American Rescue Plan Act (ARPA) funding to immediately provide aid and assistance to qualifying veterans and their families at \$1,400 per person max.

The Abington Department of Veterans Services would like to adopt a local option M.G.L. Chapter 60 Section 3F to establish a Voluntary donation to a municipal veterans' assistance fund, separate from and in-addition-to the pre-existing Veterans Discretionary Fund. This new fund, hereafter known as The SAVES Fund (Supporting Abington Veterans with Emergency Services), will accept contributions primarily by designation on municipal property tax or motor vehicle excise bills or have the option to mail with such bills a separate form whereby taxpayers of the town may voluntarily check off, donate, and pledge an amount of money which shall increase the amount. The SAVES Fund would be under the supervision of the Veterans' Agent, and the Town Treasurer would establish a special account in the general treasury, separate from the pre-existing Veterans Discretionary Fund.

Money in the SAVES Fund would be used to provide support for Town of Abington veterans and their dependents in need of immediate assistance with food, transportation, and heat expenses. To be financially eligible to receive assistance from this fund, applicant(s) must be at or below the stated criteria for 80% of the Abington Area Median Income as

determined annually by the Massachusetts Department of Housing and Community Development.

ARPA-1020: Town of Carver Water District Treatment System Membranes

Funding amount: \$102,583.48

Approval date: 10/26/2022

Project Expenditure Category: 5.10 Drinking Water: Treatment

PWS ID #: 4052072

This project is to provide and replace new treatment system membranes located at the North Carver Water District Treatment Facility, and to install two new upgraded ZEE WEED 1000 CPX membranes and refurbish cassettes. Also included are controls and programming adjustments for the new membranes and documentation of PLC updates.

ARPA-1015: Town of Duxbury PFAS Filtration

Funding amount: \$100,000

Approval date: 8/8/2022

Project Expenditure Category: 5.10 Drinking Water: Treatment

PWS ID #: 4082000

This project is for the design, engineering, and construction of the Granulated Activated Carbon filtration system for the Partridge Road Well in the Town of Duxbury. The results of recent water quality testing indicated PFAS6 levels that exceeded the 20ppt MCL in the finished water at Partridge Well. In response to discovering elevated PFAS concentrations at this source we have removed this well from service and are implementing this strategy to reduce finished water PFAS6 levels to within the new Massachusetts regulatory limits. The reduction of the PFAS6 levels in the filtration system and having cleaner, safer drinking water would be the key performance indicators for this project.

ARPA-1014: Town of East Bridgewater Ambulance

Funding amount: \$312,779.58

Approval date: 10/12/2022

Project Expenditure Category: 1.7 Other COVID-19 Public Health Expenses (including Communications, Enforcement, Isolation/Quarantine)

This project is for the purchase of an ambulance, a new/unused Dodge RAM 4x4 custom built Lifeline "Superliner" Type 1-AD, Class I emergency medical vehicle.

ARPA-1021: Town of East Bridgewater Design and Construction of Wastewater Infrastructure

Funding amount: \$350,000.00

Approval date: 6/20/2023

Project Expenditure Category: 5.18 Water and Sewer: Other

This project will include a wastewater pump station and force main to the City of Brockton sewer system to serve the northern section of East Bridgewater west of Route 18, and 4200 ft of gravity sewer on public and private property paralleling North Bedford St. The gravity sewer is needed to serve properties on the west side of North Bedford St, extending to Highland St to serve the former Foxboro Company facilities. The project area is expansive including multiple large undeveloped and under-developed properties. The gravity sewers and a pump station with a force main transmitting wastewater flow to the city of Brockton Sewer System will serve a 240 +/- unit multi-family and/or starter home friendly 40B development on parcels under single ownership located near the East Bridgewater/Whitman line. Over 300 acres will be available for housing and /or business development with the availability of sewer infrastructure. Discussions with major landowners revealed commitments for added employment that would be forthcoming with developments made possible with the availability of sewer infrastructure, including a 412,000 square foot manufacturing/warehouse complex and properties fronting on Route 18, and significant acreage south of Highland Street owned by Equity Industrial Partners (EIP).

ARPA-1046: Town of Halifax Silver Lake Regional High School and Middle School HVAC Upgrades

Funding amount: \$463,380.00

Approval date: 3/13/2023

Project Expenditure Category: 1.4 Congregate Settings Prevention

The Silver Lake High School and Middle School were originally designed to have AC incorporated in both building's HVAC systems. Roof platforms for Roof Top Units exist and the plumbing from the classroom space Unit-Ventilators run to just below the roof deck. This project scope includes replacing the existing classroom Unit-Ventilator AC coils with new to accommodate the HVAC industry standard efficiency of refrigerant. Roof Top condensers will be tied into the existing HVAC systems.

ARPA-1027: Town of Kingston Fiber Optic Municipal Area Network

Funding amount: \$317,610.00

Approval date: 4/26/2023

Project Expenditure Category: 5.21 Broadband: Other Projects

Installation of fiber optic municipal area network to all Town buildings (including but not limited to town hall, police, fire, senior center, animal control, harbormaster, library, recreation, water, sewer, highway, recycling, local schools and Silver Lake School District). The new network will consist of one new 12-strand count single mode fiber lateral connection to each of the remote sites. All sites will have fiber strand assignments to the Network Hub in a cascade star topology. The Network Hub will have a 180-count single mode fiber lateral entrance fiber. All work will include all fiber splicing at the pole location into the building, fiber entrance cable, fiber termination panels, connectors, and all other materials for a complete and fully functional fiber termination in the communications room of each individual site.

The Town currently has an average broadband speed (for all buildings) of 100mps download and 20mps upload speed. The new network will have 10gbs download and 10gbs upload speeds.

ARPA-1031: Town of Kingston Silver Lake Regional High School and Middle School HVAC Upgrades

Funding amount: \$871,094.00

Approval date: 1/17/2023

Project Expenditure Category: 1.4 Congregate Settings Prevention

The Silver Lake High School and Middle School were originally designed to have AC incorporated in both building's HVAC systems. Roof platforms for Roof Top Units exist and the plumbing from the classroom space Unit-Ventilators run to just below the roof deck. This project scope includes replacing the existing classroom Unit-Ventilator AC coils with new to accommodate the HVAC industry standard efficiency of refrigerant. Roof Top condensers will be tied into the existing HVAC systems.

ARPA-1019: Town of Lakeville Water and Sewer Infrastructure for Municipal Facilities

Funding amount: \$332,800.00

Approval date: 2/2/2023

Project Expenditure Category: 5.18 Water and Sewer: Other

NPDES Permit #: 4293000

This project represents a consolidated approach to addressing water and sanitation service delivery for various facilities owned by the Town of Lakeville. During the first half of 2022, the Town commissioned a study of drinking water, sanitation and irrigation at several locations. The proposed package includes the following measures:

1. Install an irrigation well and convert an existing well to potable water at John Paun Memorial Park (Vaughn Street), estimated cost \$115,400.
2. Execute improvements and renovations to water lines at Ted Williams Camp (28 Precinct Street), estimated cost \$110,800.
3. Install a water service connection, septic system at the Historic Town Hall (2 Precinct Street), estimated cost \$106,600.

The entire package will have a significant impact on the Town's utility infrastructure and will enhance public health by delivering potable water and sanitation to public facilities.

ARPA-1011: Town of Marshfield Surf Ave Water and Drainage Replacement Project

Funding amount: \$1,700,000

Approval date: 8/5/2022

Project Expenditure Category: 5.11 Drinking Water: Transmission and Distribution

PWS ID #: 4171000

The water main work consists of approximately 2,200 linear feet of new 8-inch ductile-iron water main including temporary water bypass, fire hydrants, valves, and water service connections at Surf Ave (Rexhame Road – Ocean Street) in Marshfield. Drainage work includes the demolition of all existing drainage and the installation of new precast concrete manholes and catch basins.

ARPA-1024: Town of Marshfield Plymouth Avenue Pump Station Upgrades

Funding amount: \$2,300,000.00

Approval date: 2/2/2023

Project Expenditure Category: 5.5 Clean Water: Other Sewer Infrastructure

NPDES Permit #: MA0101737

This project includes upgrading pump equipment and valves, repair to the existing wet well, replacement of VFD and MCC's, disinfection equipment, emergency generator, electrical and SCADA, roof repairs, site restoration, installation of a barrier wall system, and other miscellaneous sewer repair work.

ARPA-1013: Town of Norwell Dual Purpose Class A Pumper/Type V Ambulance

Funding amount: \$726,508.00

Approval date: 10/12/2022

Project Expenditure Category: 1.6 Medical Expenses (including Alternative Care Facilities)

In response to the Public Health emergency and in order to continue to provide high level COVID-19 mitigation and prevention, the Town of Norwell will purchase a dual-purpose Class A pumper/Type V Advanced Life Support Ambulance. This vehicle will be designed to be outfitted with equipment in accordance with MA OEMS AR 5-401 Ambulance Equipment List: Advanced Life Support, and MA OEMS AR 5-400 Required Medications on Ambulances. Additionally, this vehicle will be staffed by certified paramedics who will provide advanced life support interventions to all patients.

The standard response to all medicals in the Town of Norwell is one (1) engine/Type V ambulance and one (1) Type I ambulance, both licensed at the advanced life support level. In the Town of Norwell, prior to the COVID-19 pandemic, approximately 30% of the time the Type I ambulance is unavailable, requiring us to rely on mutual aid ambulances. During the pandemic, this percentage rose to 40% due to the increase in calls, the delays at the hospitals and the need to decontaminate equipment and personnel after a COVID-19 positive or suspect call. The new vehicle will allow the Town of Norwell to continue to provide high quality EMS care at the scene while waiting the extended time for a Class I mutual aid ambulance to arrive.

ARPA-1030: Town of Pembroke GP1 Wellfield and Pump Station Abandonment

Funding amount: \$130,000.00

Approval date: 3/27/2023

Project Expenditure Category: 5.15 Drinking water: Other Water Infrastructure

PWS ID #: 4231000

This project involves the abandonment of the existing wellfield and associated permitting, asbestos inspection and environmental reviews, demolition and legal disposal of the existing pump station building, and all appurtenances located within, and site restoration via loam and seed. Engineering services include field work, design, permitting, bidding assistance, and construction administration.

ARPA-1026: Town of Plymouth Water Street Sewer Pump Station Flood Barrier Wall

Funding amount: \$2,500,000.00

Approval date: 11/15/2022

Project Expenditure Category: 5.5 Clean Water: Other Sewer Infrastructure

NPDES Permit #: 0100587

The goal of this project is to construct a flood barrier system to protect the Sewer Pump Station from extreme flooding and storm surge events that can be anticipated in this coastal location due to sea level rise. The Water Street Pump Station (WSPS), constructed in 1964, significantly upgraded in 2020, on a 2.52-acre parcel, serves as the headworks and operations for the Wastewater Treatment Plant's (WWTP) force main sewer. The WSPS receives most of the Town's influent flow through a 30-inch reinforced concrete pipe and pumps wastewater to the WWTP through a 4.5 mile 24-inch polyvinyl chloride and high-density polyethylene force main installed in 2016. The flood barrier wall will be constructed with a reinforced concrete foundation, and reinforced concrete wall with New England stone veneer facing along the building perimeter. The WSPS is a critical asset and an essential facility to the Town of Plymouth as it handles approximately 90% of the entire sewer system. Flows average 1.5 million gallons per day and occasional flows of 5 million gallons. Protecting the WSPS during flooding associated with sea level rise and severe storm events exacerbated by climate change, is consistent with the recent Climate Emergency Declaration as voted by the Select Board. Protecting the station with a barrier wall will preserve the function of this critical infrastructure, greatly reducing the risk of catastrophic failure.

ARPA-1045: Town of Plymouth Water Street Sewer Interceptor

Funding amount: \$4,700,000.00

Approval date: 3/27/2023

Project Expenditure Category: 5.5 Clean Water: Other Sewer Infrastructure

NPDES Permit #: MAG590000

The Water Street sewer interceptor consists of a 30-inch diameter reinforced concrete pipe with relatively flat slopes, ranging from 0.001 to 0.004 foot/foot. Based on available Town records, the pipe was originally designed and constructed in 1969. Approximately 1,400 linear feet of the sewer interceptor is located along the edge of the harbor, surrounded by concrete encasement. Sewer manholes are visible at several locations during low tide and the manholes become submerged during high tide which remains a concern of the DPW due to the possibility of saltwater infiltration into the gravity system during high tide. There

are also concerns with this section of the sewer system based on the integrity of the pipe and manhole structures, and the vulnerability of the system to a pipe break or leak in this highly environmentally sensitive and visible part of downtown.

The relocation of the Water Street sewer interceptor from Plymouth Harbor into Water Street will provide great environmental benefit, address the concerns with sea level rise, and sustain critical infrastructure with an increased frequency of severe coastal storms. This sewer infrastructure project would remove the last section of gravity sewer off the beach.

ARPA-1028: Town of Plympton Silver Lake Regional High School and Middle School HVAC Upgrades

Funding amount: \$170,006.00

Approval date: 1/17/2023

Project Expenditure Category: 1.4 Congregate Settings Prevention

The Silver Lake High School and Middle School were originally designed to have AC incorporated in both building's HVAC systems. Roof platforms for Roof Top Units exist and the plumbing from the classroom space Unit-Ventilators run to just below the roof deck. This project scope includes replacing the existing classroom Unit-Ventilator AC coils with new to accommodate the HVAC industry standard efficiency of refrigerant. Roof Top condensers will be tied into the existing HVAC systems.

ARPA-1018: Town of Rockland Wastewater Treatment Facility Digester Boiler Replacement

Funding amount: \$315,222.00

Approval date: 11/15/2022

Project Expenditure Category: 5.18 Water and Sewer: Other

NPDES Permit #: MA0101923

The existing boiler at Rockland's Wastewater Treatment Facility that serves the digester area is at the end of its service life and the system has proven to be inadequate to serve the anaerobic digester requirements. The boiler is dedicated to a sludge heating system, containing piping, pumps, and a heat exchanger. This project involves the removal of the existing cast-iron boiler, boiler breaching, draft fan, hot water piping and pumps in an operating facility. Power to the existing boiler, draft fan, hot water pumps and all associated devices, wiring and raceway will be disconnected and removed back to power sources. A temporary boiler and provisions will be placed to maintain operation of the digester sludge heating system during construction. A new 1,000 MBH cast-iron boiler with a dual fuel burner will be installed in place of the existing boiler. The project includes a required control system to temper the water sent to the digester heat exchanger. The system will control the water temperature supplied to the heat exchanger to maintain a sludge temperature at the outlet of the heat exchanger.

ARPA-1025: Town of Scituate Water Treatment Plant
Funding amount: \$3,400,286.73
Approval date: 3/13/2023
Project Expenditure Category: 5.10 Drinking Water: Treatment
PWS ID #: 4264000

The current Scituate water treatment plant is unable to consistently produce water of the quality and quantity that is needed by the Town and is currently under an Administrative Consent Order for exceeding the maximum contaminant level for disinfection byproducts. The water treatment plant is beyond its useful life, and its systems lack redundancy, so the failure of any part of the plant results in a complete shutdown of the plant and emergency water bans. An engineering study (Water System Master Plan) was completed in 2019 to evaluate whether the water treatment plant could be rehabilitated or if a new water treatment plant was needed. This study looked at constructability, costs, and improvements in water treatment technology and determined that rehabilitating the water treatment plant was not feasible and a new water treatment plant was needed. Replacing the water treatment plant is an important component in the Town's strategy to eliminate brown water.

2024 APPROVED PROJECTS

ARPA-1038: City of Brockton Police Radio Communication Infrastructure
Funding amount: \$890,839.87
Approval date: 8/24/2023
Project Expenditure Category: 1.7 Other COVID-19 Public Health Expenses (Comms, Enforcement, Isolation)

The City of Brockton is using \$890,839.87 of ARPA funds for the purchase of police radio communication infrastructure that will ensure public safety for the community and responding Brockton police officers. The current communication technology is over 25 years old and requires parts that are no longer manufactured. Our proposed project seeks to fund the purchase of new equipment that will allow officer radios to communicate during an emergency response. The current analog system has failed multiple times for officers during the past few years, posing a danger public safety. Conversion of the radio infrastructure to digital will allow officers to respond more effectively respond to emergency responses and work with neighboring communities.

ARPA-1080: City of Brockton Silver Lake Water Pumps
Funding amount: \$528,700.00
Approval date: 12/7/2023
Project Expenditure Category: 5.10 Drinking Water: Treatment
PWS ID: 4044000

The existing four high lift pumps are original to the Silver Lake Water Filtration Plant (1960s). While regularly maintained, the pumps have recently been failing, requiring each pump to be taken out of service and shipped to a pump specialist, for servicing. The existing four high lift

pumps are past their useful life and require replacement. This project includes removal of the four existing high lift pumps and installation of four new Flowserve vertical turbine pumps (4,500 GPM).

ARPA-1102: City of Brockton Father Bill's & MainSpring – Manley Street Housing Resource Center

Funding amount: \$650,000.00

Approval date: 2/1/2024

Project Expenditure Category: 2.34 Assistance to Impacted Nonprofit Organizations

Across all groups FBMS serves, people experiencing homelessness seek assistance to overcome challenges to long-term housing stability, including disabilities, chronic conditions, substance use, and mental illness. Additionally, Black and Hispanic/Latino individuals face even greater barriers to accessing housing, health care/insurance, and other benefits that prove to be stabilizing factors for a household. Further, a recent study commissioned by the Blue Cross Blue Shield of Massachusetts Foundation highlighted the higher rates at which people of color and low-income populations in Massachusetts reported a need for behavioral health care and struggled with substance use during COVID-19. The current multi-story 21,420 SF facility is a highly inefficient use of space and is inadequate for our expanding program needs. The facility presented serious concerns during the pandemic as there was no ability for social distancing or even proper separation of beds. Father Bill's was forced to set up tents and house people outdoors during the initial stages of the pandemic which was unsustainable due to weather conditions and inability to provide either heating or cooling. This building was constructed in 1894 and has surpassed its useful life. Renovations are extremely difficult given the 24-hour operation and the near impossibility of securing space for temporary relocation of the shelter operation.

ARPA-1130: County of Plymouth Administration Offices HVAC Upgrade to VRF Heat Pump System

Funding amount: \$234,595.00

Approval date: 5/1/2024

Project Expenditure Category: 1.4 Congregate Settings Prevention

The Administration Offices floor of the building was heated using electric resistance heat with limited air flow. Electric resistance heat is efficient, but with a low BTU output it can be very expensive to use as a main source of heating. The recommendation was to replace the existing system with a VRF heat pumps system and improve duct work to increase efficiency, improve room comfort control, and increase outside air flow to lower the chance of illness from poor air conditioning improving public health.

ARPA-1131: County of Plymouth Father Bill's & Mainspring – Manley Street Housing Resource Center

Funding amount: \$350,000.00

Approval date: 2/1/2024

Project Expenditure Category: 2.34 Assistance to Impacted Nonprofit Organizations

Across all groups Father Bill's & Mainspring (FBMS) serves, people experiencing homelessness seek assistance to overcome challenges to long-term housing stability, including disabilities, chronic conditions, substance use, and mental illness. Additionally, Black and Hispanic/Latino individuals face even greater barriers to accessing housing, health care/insurance, and other benefits that prove to be stabilizing factors for a household. Further, a recent study commissioned by the Blue Cross Blue Shield of Massachusetts Foundation highlighted the higher rates at which people of color and low-income populations in Massachusetts reported a need for behavioral health care and struggled with substance use during COVID-19. The current multi-story 21,420 SF facility is a highly inefficient use of space and is inadequate for our expanding program needs. The facility presented serious concerns during the pandemic as there was no ability for social distancing or even proper separation of beds. Father Bill's was forced to set up tents and house people outdoors during the initial stages of the pandemic which was unsustainable due to weather conditions and inability to provide either heating or cooling. This building was constructed in 1894 and has surpassed its useful life. Renovations are extremely difficult given the 24-hour operation and the near impossibility of securing space for temporary relocation of the shelter operation.

ARPA-1170: County of Plymouth Mobile Integrated Health Program – Regional Program

Funding amount: \$769,030.80

Approval date: 5/1/2024

Project Expenditure Category: 1.14 Other Public Health Services

This is a Regional Program for Plymouth County. Plymouth County has identified the need for a Mobile Integrated Health program as a solution to the thousands of patients that are readmitted to hospitals for non-emergency care every year. With hospitals stretched to their limits and staffing tight, our goal is to deliver non-emergency care to patients directly in their place of residence. We would do this by re-directing high utilizers and patients with chronic diseases including, asthma, diabetes, renal failure, congestive heart failure, and high blood pressure. Additionally, providing in-home vaccines including COVID-19 and flu which in turn will prevent overpopulating hospitals and deter ED avoidance calls. With the partnership of Good Samaritan Medical Center (GSMC), the Plymouth County Mobile Integrated Health program will receive patient feeders from GSMC with chronic conditions that need discharge assessment services including vital signs, physical exams, medication reconciliation, lab work or diagnostic testing and safety assessments or follow-up visits to ensure compliance with medications, discharge instructions, safety, food security, and social barriers. This project looks to create a Mobile Integrated Health (MIH) service while collaborating and contracting with Brewster Ambulance Service to provide the MIH Paramedics, vehicles and equipment.

ARPA-1118: Town of Abington Water Ion Exchange Vessels

Funding amount: \$493,126.50

Approval date: 12/7/2023

Project Expenditure Category: 5.10 Drinking Water: Treatment
PWS ID: 4001000

The scope of work for this project includes supply and delivery of six (6) 8-foot diameter ion exchange (IX) resin vessels including interconnecting piping between two (2) 10-foot diameter granular activated carbon (GAC) vessels for PFAS treatment for the Abington and Rockland Joint Water Works at the Hannigan Water Treatment Plant. Total Cost equals \$986,523.00, or \$493,261.50 per town.

ARPA-1055: Town of Abington Subsurface Stormwater Infrastructure Improvement Program
Funding amount: \$391,160.64
Approval date: 5/13/2024
Project Expenditure Category: 5.6 Clean Water: Stormwater

The following roadways are in critical need of attention. The Town is using \$500,000 of ARPA funding for the planning, engineering, design, equipping, and construction costs for the replacement, repair, upgrade and re-grading for subsurface structures and road surfaces to maintain compliance with best practices for stormwater management and treatment, on the following roadways: Chapel Street, Cliff Street, Lake Street, Wilson Place, Hersey Lane, Shaw Avenue, Washington Street from Adams Street to Bedford Street, and Bicknell Hill Road.

ARPA-1148: Town of Abington Water Ion Exchange Vessels Amendment
Funding amount: \$79,238.50
Approval date: 4/3/2024
Project Expenditure Category: 5.10 Drinking Water: Treatment
PWS ID: 4001000

This project is for additional work relating to ARPA-1118. The scope of work includes supply and delivery of an additional one (1) 10-foot diameter granular activated carbon (GAC) vessel for PFAS treatment for the Abington and Rockland Joint Water Works at the Hannigan Water Treatment Plant.

ARPA-1187: Town of Abington Library HVAC
Funding amount: \$278,674.54
Approval date: 6/3/2024
Project Expenditure Category: 1.4 Congregate Settings Prevention

This project is for HVAC (Heating, Ventilation, and Air Conditioning) improvements at the Town Library. The community library is a valuable educational resource that promotes learning, literacy, and community enrichment. As we strive to recover from the pandemic's educational disruptions, it is imperative to create a conducive and safe learning environment for all visitors, including children and families. Enhancing the HVAC system will help regulate

temperature and maintain optimal air quality, ensuring a comfortable and healthy atmosphere for educational activities and cultural events.

ARPA-1167: Town of Bridgewater Fire Station Replacement Project

Funding amount: \$4,962,614.62

Approval date: 4/24/2024

Project Expenditure Category: 1.7 Other COVID-19 Public Health Expenses (Comms, Enforcement, Isolation)

The Town of Bridgewater proposes to offset a portion of capital expense associated with its Fire Station Headquarters replacement project. Specifically, the Town will use ARPA/SLFRF funds for multi-use space for community health purposes, including testing, vaccinations, emergency operations center, advanced communications center including a dispatch area, data collection systems, and telemedicine capabilities, advanced HVAC and ventilation systems appropriate for medical facilities, an exam room capable of treating members of the public, decontamination rooms, and communications infrastructure to support telemedicine and dispatch operations.

ARPA-1065: Town of Carver Cardiac Monitors

Funding amount: \$91,107.70

Approval date: 8/1/2023

Project Expenditure Category: 1.14 Other Public Health Services

This project is for the purchasing of two (2) new LifePak 15 Cardiac Monitors for the purpose of providing better care through a more accurate vital sign acquisition. These new monitors will be replacing two (2) older ones with less capabilities. During the pandemic we were unable to get an accurate temperature reading on patients, but these new devices will allow for that continuous monitoring throughout transport, as well as Non-invasive Blood Pressure acquisition, which allows staff to not have to be touching the patient to acquire these readings. The new monitors will be safer for medical staff and more accurate for the patients.

ARPA-1067: Town of Carver Add HVAC system at Fire Station #3

Funding amount: \$18,671.19

Approval date: 11/8/2023

Project Expenditure Category: 1.14 Other Public Health Services

Fire Station 3 does not currently have filtered air conditioning system which creates an unhealthy environment in this public facility. This project is for the addition of an HVAC filtered air conditioning system in our Fire Station 3. The HVAC system in our Fire Station 3 has no ability to add modern, efficient air conditioning, meaning a new HVAC system for air-conditioning will be installed. Adding A/C to Station 3 will help provide our firefighters with a cleaner air environment to work in, now and during future health pandemics.

ARPA-1070: Town of Carver Upgrade original HVAC system in Fire Station 2 (Location 1 Green St)

Funding amount: \$6,395.50

Approval date: 8/1/2023

Project Expenditure Category: 1.14 Other Public Health Services

This project is for the procurement and installation of an upgraded HVAC heating system in our Fire Station 2 Public Facility (Location 1 Green Street). The HVAC system in our fire station #2 is over 25 years old, is inefficient and does not meet any air quality standards for modern public safety buildings. Upgrading the HVAC system at this location will provide our firefighters with a cleaner air environment to work in, now and during future health pandemics.

ARPA-1071: Town of Carver Replace COA Refrigerator and Freezers

Funding amount: \$5,799.70

Approval date: 7/5/2023

Project Expenditure Category: 2.1 Household Assistance: Food Programs

This project is to replace the current refrigerator and freezers. Currently, what the COA has been using is apartment size refrigerator that cannot store large quantities of food. The freezers could help to buy bulk foods for later preparation and store foods to be delivered. This would be very helpful in future pandemics. Replacing this equipment would enable us to better prepare and provide service to approximately 4,000 seniors in Carver who are eligible for COA meals including those who are homebound.

ARPA-1072: Town of Carver EMS Station Security

Funding amount: \$51,249.61

Approval date: 2/15/2024

Project Expenditure Category: 1.14 Other Public Health Services

The purchase and installation of an access control system along with interior and exterior CCTV system to improve safety within the station. This new technology upgrade will give our Chief, Officers and Dispatchers reliable/exact staff and apparatus response information (video monitoring of apparatus responding from the remote station and card access of all staff entering the stations to respond). The access security will allow patients to be screened prior to entering the station to reduce unprotected exposure of staff working in the station. This will provide a more reliable response service to our residents during future health pandemics.

ARPA-1073: Town of Carver EMS Station HVAC Upgrade

Funding amount: \$14,347.91

Approval date: 11/8/2023

Project Expenditure Category: 1.14 Other Public Health Services

This project is for the purchase and installation of a Carrier 58SB0A070-12 80%+ gas fired furnace with matching cased AC coil and Carrier 24SCA (2) ton condensing unit. All necessary refrigerant, drain, flue and gas piping, filter box, safety pan, thermostat, duct transitions, control and furnace wiring, slim duct pipe covering, and labor included.

This equipment will allow for the proper movement of air throughout the EMS building while decreasing the potential for spread of airborne viruses through better equipment. Note that the original HVAC system is more than thirty (30) years old.

The EMS department was tasked with assessing, treating and transporting patients infected with COVID-19 throughout the pandemic. Staff were required to be in the station at all times to be prepared to respond to all emergencies. The upgraded HVAC system will help with maintaining clean air quality to help reduce the potential of spreading airborne viruses between staff members if one contracts the virus in the course of performing their duties.

ARPA-1074: Town of Carver IT Upgrades to Fire Dispatch, Fire Station 2, Fire Station 3
Funding amount: \$22,795.34
Approval date: 8/1/2023
Project Expenditure Category: 1.14 Other Public Health Services

This project is for the purchase and installation of three large interactive display boards and necessary laptop computers that will be installed at our Fire Dispatch Center and outlying Fire Stations 2 and 3.

The new equipment will allow CFD personal to conduct remote meetings, trainings and pre-plan incidents at each fire station remotely. Our dispatchers and firefighters currently assigned to these stations do not have the ability to conduct remote meetings or trainings at these locations now.

This new technology upgrade will give our Dispatchers and On-Call Firefighters serving at our remote fire stations, more reliable, convenient and secure video conferencing tools, ultimately providing a better response service to our residents during emergencies and during future isolation health pandemics.

ARPA-1075: Town of Carver Fire Stations 2 & 3 – Security System CCTVs and Security Access
Funding amount: \$45,104.10
Approval date: 1/3/2024
Project Expenditure Category: 1.14 Other Public Health Services

Procurement and installation of an S3 Security Access Control System and Security Cameras at our Fire Stations 2 and 3. These systems do not exist in Fire Stations 2 and 3 now. The new access systems, combined with two security cameras per station will allow us to have secure access control at our remote fire stations.

This technology will give our Fire and Public Safety Dispatch Centers clear camera views of fire apparatus and personnel leaving the stations and responding to an emergency incident. Currently, we have no cameras or access control for security at Fire Stations 2 and 3 and no way for Fire Dispatch and our Public Safety Dispatch Center to know if On-Call Firefighters have arrived at the stations to respond with fire apparatus. During the COVID Pandemic it became a challenge to know when Firefighters were responding to and from Fire Stations 2 and 3, as many times they were restricted from duty with illness, leaving less firefighters available to respond.

This new technology upgrade will give our Chief Officers, Fire Officers and Fire Dispatchers reliable/exact firefighter and apparatus response information (video monitoring of fire apparatus responding from the remote stations and card access of On-Call Firefighters entering the stations to respond). This will ultimately provide a more reliable response service to our residents during emergencies and during future isolation health pandemics.

ARPA-1081: Town of Carver LUCUS 3 Chest Compression System

Funding amount: \$42,920.52

Approval date: 2/1/2024

Project Expenditure Category: 1.14 Other Public Health Services

The purchase of two (2) Lucas 3 chest compression units to equip both ambulances will enable the EMS department to provide mechanical chest compressions to victims of a cardiac arrest. There are several benefits EMS and patients will receive now and during future pandemics, including the ability to maintain distance from suspected and confirmed infected patients during CPR, reduced numbers of caregivers needed to administer chest compressions during a cardiac arrest situation compared to the standard number of multiple rotating members needed to provide manual CPR, the reduction of caregivers needed reduces the number of staff members exposed to suspected and confirmed infected patients, the reduction of caregivers needed will help during times of limited staff availability, and improved caregiver safety when providing CPR during transport.

ARPA-1082: Town of Carver McGrath Video Laryngoscopy System

Funding amount: \$7,887.62

Approval date: 2/1/2024

Project Expenditure Category: 1.14 Other Public Health Services

The primary organs affected by the coronavirus are part of the respiratory system. The Department of Public Health has warned healthcare providers that the use of advanced airway management techniques could pose an exposure risk to COVID-19. The current procedure for inserting an advanced airway calls for the provider to put their face within six to ten inches of a patient's mouth, which can increase the chances of contracting the virus even when wearing all appropriate Personal Protective Equipment (PPE). In order for providers to keep themselves safe while still providing this necessary treatment, there must be a change to how the advanced airway management is performed.

The Town's EMS department is looking to implement the use of Video Laryngoscopy through the use of the Stryker McGrath Video Laryngoscopy system.

This new equipment will allow for the department to treat patients while reducing the risk of exposure to respiratory viruses. The Emergency Medical Services department was tasked with assessing, treating and transporting patients infected with COVID-19 throughout the pandemic. This equipment will allow for that to continue when securing an advanced airway to in infected patient while limiting exposure risk to the provider.

ARPA-1084: Town of Carver Community Emergency Medical Services Response Unit

Funding amount: \$56,103.00

Approval date: 2/15/2024

Project Expenditure Category: 1.14 Other Public Health Services

The purchase of a Chevy Tahoe "response unit" is for the purpose of providing continuous mobile Community Emergency Medical Services to residents and community organizations. This unit would be used by staff to transport themselves and necessary equipment to residents to provide many essential services that were lost during the COVID-19 pandemic, and would be a critical element in the town's tool box during another pandemic. These services include, but are not limited to: Health Promotion Screenings, Well Being Checks, Home and Community Falls Prevention, and in home vaccinations and COVID testing for those with mobility issues. The vehicle would also be used to bring additional Personal Protective Equipment (PPE) and sanitizing equipment to the scene of an emergency involving a patient who meets certain pandemic criteria, if there is a future pandemic.

ARPA-1087: Town of Carver Laptop Computers for Police Cruisers

Funding amount: \$10,809.00

Approval date: 2/1/2024

Project Expenditure Category: 1.14 Other Public Health Services

The purchase of six (6) laptop computers which will create mobile offices for police officers' safety, and safety of the residents during a pandemic and otherwise. These laptops will allow the officers to work fully remotely, thus turning the cruiser into a fully functioning mobile office. This allows for keeping most of the police personnel out of the station, and socially distanced from each other during a pandemic, thus reducing the likelihood that COVID could run rampant through our police and public safety personnel.

ARPA-1106: Town of Carver Purchase of 12 million gallons of Clean Drinking Water from Town of Middleboro

Funding amount: \$156,000.00

Approval date: 1/18/2024

Project Expenditure Category: 5.11 Drinking Water: Transmission and Distribution

PWS ID: 4052072

In June of 2022, the North Carver Water District's (NCWD) treatment failed and was producing water with manganese levels above the Massachusetts Office of Research and Standards' Guideline Level of 0.3 mg/l. Carver distributed a Do Not Drink public notice at the public meeting conducted at the Carver Select Board office on June 23, 2022. Later that evening, North Carver Water District shut off its water plant and activated the Middleborough interconnection.

Due to supply chain shortages NCWD was looking at 6-12 months to purchase and install new filters to the treatment plant. The Town of Middleborough offered to sell the NCWD clean water until we could properly repair our system. The Town of Middleborough provided 12 million gallons of water to NCWD between June 2022 through June 23 at a cost of \$156,000.

ARPA-1174: Town of Carver Police Department Computer Firewall

Funding amount: \$6,950.00

Approval date: 4/24/2024

Project Expenditure Category: 1.14 Other Public Health Services

This project is for the upgrade to the Police Department computer firewall to protect our computers and allow secure remote access. Secure access allows our officers to work remotely. This allows for keeping most of the personnel out of the station, therefore socially distanced from each other reducing the likelihood that COVID could run rampant through our personnel.

ARPA-1178: Town of Carver Electrical Invoices for HVAC Wiring

Funding amount: \$6,928.46

Approval date: 4/24/2024

Project Expenditure Category: 1.14 Other Public Health Services

This is for the electrical wiring of HVAC systems at the EMS and fire station that were not accounted for as part of the ARPA-1067 and ARPA-1073 HVAC projects. The HVAC projects were previously approved by Plymouth County and reimbursed Town of Carver in December 2023.

ARPA-1109: Town of Duxbury Bluefish River Sewer Lift Station repair

Funding amount: \$112,564.45

Approval date: 3/13/2024

Project Expenditure Category: 5.18 Water and Sewer: Other

PWS ID: 408200

In early July 2023, the Bluefish River sewer lift station experienced a broken discharge pipe. An emergency repair was initiated to prevent raw sewerage from discharging into nearby water sources. The sewer department contacted their engineers and vendors for emergency assistance that included a temporary repair of the broken pipe, plugging discharge points,

ordering of new parts/pumps (which are currently on backorder), and engaging a private hauler for daily pumping.

ARPA-1110: Town of Duxbury Wastewater Treatment Facility – Replace 2 actuators

Funding amount: \$43,240.00

Approval date: 3/13/2024

Project Expenditure Category: 5.18 Water and Sewer: Other

PWS ID: 480200

The Town's wastewater treatment facility experienced a failure in requiring the actuator assembly to be replaced on SBR 1. The Town called in its long-time engineering firm to assess and perform the work. During the assessment, it was advised that we replace assemblies on both SBR 1 and SBR 2. We are seeking the use of ARPA funds to address this repair.

ARPA-1115: Town of Duxbury PFAS – Tremont/Depot St Well

Funding amount: \$60,700.00

Approval date: 2/15/2024

Project Expenditure Category: 5.15 Drinking Water: Other Water Infrastructure

PWS ID: 408200

This project is for engineering services, project planning, technical assistance, and project management for PFAS, iron, manganese (and other contaminants) remediation at the Town's Tremont/Depot St. well to provide safe drinking water via a municipal public water supply.

ARPA-1140: Town of Duxbury Water Main Replacement at East St Bridge

Funding amount: \$741,851.00

Approval date: 6/3/2024

Project Expenditure Category: 5.11 Drinking Water: Transmission & Distribution

PWS ID: 408200

The Town is utilizing ARPA funding for the design and construction of a proposed 12-inch diameter insulated water main across the East Street Route 3 bridge. Bridge inspection reports indicate deficiencies in the 1962 water main that crosses the bridge.

The Commonwealth is currently working on an approved and funded bridge deck replacement TIPS project in this area. The Town is seeking to leverage this TIPS project and complete the water main replacement and relocation at the same time.

ARPA-1153: Town of Duxbury Beach Operation – 2 vehicles

Funding amount: \$89,999.00

Approval date: 4/3/2024

Project Expenditure Category: 6.1 Provision of Governmental Services

The Town of Duxbury is home to a barrier beach that is six miles long and is accessed by the Powder Point Bridge from Duxbury, or Gurnet Road from Marshfield. The beach is a popular destination for residents and tourists alike. To properly operate and protect this resource, the Town's Beach Operations department patrols the coastline, parking lots, access roads, and all surrounding areas. To do so, the department requires the use of 4WD vehicles to patrol over sand and on difficult terrain. The department is seeking to purchase 2 gently used vehicles, as it is not desirable to place new vehicles in these conditions.

ARPA-1157: Town of Duxbury McNeil Dump Comprehensive Site Assessment

Funding amount: \$485,000.00

Approval date: 4/3/2024

Project Expenditure Category: 5.18 Water and Sewer: Other

PWS ID: 480200

The Town of Duxbury is funding a hydrogeological evaluation, and a groundwater monitoring and sampling program related to PFAS groundwater impacts located downgradient of the current Town Transfer Station on Mayflower Street. Project includes Initial Site Assessment, Comprehensive Site Assessment, Corrective Action Alternatives Analysis, and Corrective Action Design in accordance with Massachusetts Department of Environmental Protection (MassDEP) Solid Waste Regulations, and public bidding of the construction of the designed closure plan for the former McNeil Dump.

Given that the Town's public water supply aquifer is currently impacted with PFAS contamination rendering one or more public water supply wells inoperable or requiring treatment systems, it is imperative for the Town to address the PFAS contamination in the aquifer and, simultaneously address the comprehensive assessment, capping, and closure of the McNeil dump for which initial assessment has indicated to be a potential source of PFAS pollution. This constitutes a public health emergency, and it is exigent for the Town to proceed expeditiously with the landfill closure process under Massachusetts solid waste rules.

ARPA-1032: Town of East Bridgewater Adaptive Playground Equipment

Funding amount: \$49,960.00

Approval date: 11/8/2023

Project Expenditure Category: 2.22 Strong Healthy Communities: H&S Neighborhood Features

Children with disabilities often feel ostracized by their peers. As a result of the pandemic, the development of life skills in disabled children has been negatively impacted. Parents reported that the pandemic has harmed their child's ability to communicate with others, interact with strangers and more generally, spend time out and about. These issues have all exacerbated disabled children's poor emotional well-being.

East Bridgewater currently has one public playground and two other playgrounds located on school grounds. None of these have playground equipment that is easily accessible for physically disabled children or equipment for children with autism, communication, sensory, neurological or communicative disabilities. The Town would purchase equipment for children with disabilities for the town's public playground.

ARPA-1064: Town of East Bridgewater 9/23-12/23 Mental Health and Social Emotional Funding

Funding amount: \$109,814.85

Approval date: 2/29/2024

Project Expenditure Category: 1.12 Mental Health Services

Since ESSER funds have been available, the East Bridgewater Public Schools have used a significant portion of the funding towards hiring health, mental health, and social/emotional health professionals. The ESSER funds are running out and will not be available for the FY24 (August 2023-June 2024) and FY25 (August 2024-June 2025) school year. The East Bridgewater Public Schools would like to make use of ARPA funding to extend the services of these personnel for 2 more years. This project covers the period of 8/31/23 through 12/31/23.

ARPA-1158: Town of East Bridgewater 1/24-3/24 Mental Health and Social Emotional Funding

Funding amount: \$82,665.92

Approval date: 6/3/2024

Project Expenditure Category: 1.12 Mental Health Services

Since ESSER funds have been available, the East Bridgewater Public Schools have used a significant portion of the funding towards hiring health, mental health, and social/emotional health professionals. The ESSER funds are running out and do not look to be available for the FY24 (August 2023-June 2024) and FY25 (August 2024-June 2025) school year. The East Bridgewater Public Schools would like to make use of ARPA funding to extend the services of these personnel for 2 more years. This project covers the period of 1/1/24-3/31/24.

ARPA-1007: Town of Halifax Water Treatment Plant Upgrades

Funding amount: \$600,000.00

Approval date: 10/24/2023

Project Expenditure Category: 5.15 Drinking Water: Other Water Infrastructure

PWS ID: 4118000

The Town of Halifax is upgrading two Water Treatment Plants. These include the Richmond Park facility, a filtration and treatment plant, and the YMCA Camp facility, which is just a treatment plant.

ARPA-1022: Town of Hanover School Literacy Program

Funding amount: \$396,192.61

Approval date: 10/24/2023

Project Expenditure Category: 2.27 Addressing Impacts of Lost Instructional Time

Throughout the pandemic, students have experienced learning loss and delays in skill acquisition, especially on the area of literacy. The youngest students lost out on months of in-person learning for reading and all the students in Kindergarten through Grade 8 missed critical periods of literacy instruction that has created gaps evidenced by objective tests (MCAS and iReady assessments), along with teacher and parent observations. We are investing in a new literacy program from McGraw-Hill for all students K-8 to recover lost skills using a research based and scientific approach to reading and writing that will provide instructional consistency, opportunity for all students to access the most current reading strategies, and to address the learning gaps created by the pandemic. This program is a strategic investment to help students of all abilities to catch up on missed time due to COVID-19 during these critical informative years.

Mandatory Performance Indicators:

- Number of students participating in evidence-based tutoring programs: 1,800

ARPA-1090: Town of Hanson Former Manquan Elementary School Demolition and Asbestos Abatement

Funding amount: \$418,801.16

Approval date: 10/11/2023

Project Expenditure Category: 6.1 Provision of Governmental Services

This project is for the demolition of the former Maquan Elementary School, located on School Street in Hanson. The school was constructed in 1966 and an addition to the rear classroom wing was constructed in 1989. The enrollment numbers of elementary school students did not support keeping the school open and the building has remained vacant since 2018. The Town continues to insure the property and pay electrical bills to keep security systems active in and around the building, thus causing an undue burden on the taxpayers of Hanson.

The demolition will include removal of the entire structure, all hazardous materials and the foundation. The Town has a plan to create a recreational facility on the property. The recreational facility will consist of baseball fields, basketball courts, a concession and office space dwelling, playground and additional field space for other youth sports organizations. The land parcel will also provide additional space for proposed library and senior center expansion and parking areas. The use of this space as a recreational complex will provide families with a gathering area for recreation and will bring revenue to the Town.

ARPA-1171: Town of Hanson Pratt Place Culvert

Funding amount: \$112,205.00

Approval date: 4/24/2024

Project Expenditure Category: 5.18 Water and Sewer: Other

PWS ID: 4123000

The Pratt Place Culvert is located on Pratt Place which is a dead-end road off of Winter Street in Hanson. The culvert is a large reinforced concrete box with an open bottom that bridges the Indian Head Brook. The concrete box has significant cracking, and the foundation and side walls are degraded. The culvert is capped with bituminous pavement and based on the deteriorated condition; the Highway department placed a steel plate on the road surface over the culvert. A collapse of this culvert will block the natural flow of the Indian Head Brook and cause water to back up and flood into area properties. The project will include facilitating the engineering design development, permitting, and bidding/procurement services for replacement of the existing deteriorated culvert and the construction services for constructing a new culvert or repairing the existing culvert. Based on the assessed deteriorating condition of the culvert, the consensus is to replace the culvert rather than repair. The dire concern of a blockage of the natural flow of Indian Head Brook which feeds the Silver Lake Reservoir located in Halifax the by the collapse of the culvert justifies using ARPA funds for this project.

ARPA-1181: Town of Hanson Fire Department Ambulance purchase

Funding amount: \$448,024.00

Approval date: 6/3/2024

Project Expenditure Category: 1.14 Other Public Health Services

The ARPA funds are being used to purchase a new ambulance. During the COVID-19 pandemic, the Fire Department received many emergency calls from people with COVID-19 related symptoms. Ambulances were dispatched to the call locations. After each transport, the ambulances had to be completely disinfected. The Town has three ambulances, the oldest of the three will be replaced with this new ambulance. The new ambulance will have the most up to date technology and life assisting and saving equipment to better respond and serve the emergency, especially if there are COVID-19 related symptoms.

ARPA-1134: Town of Hingham Stormwater Master Plan

Funding amount: \$399,900.00

Approval date: 2/29/2024

Project Expenditure Category: 5.6 Clean Water: Stormwater

NPDES Permit #: MAR041100

The Town of Hingham is using the ARPA funds available through Plymouth County to fund the development of a comprehensive Stormwater Master Plan to comply with federal MS4 permit requirements and address concerns regarding the condition of Hingham's stormwater infrastructure and water quality.

ARPA-1135: Town of Hingham Route 3A Sewer Project – Phase 1

Funding amount: \$460,000.00

Approval date: 2/29/2024

Project Expenditure Category: 5.2 Clean Water: Centralized Wastewater Collection and Conveyance

NPDES Permit #: MAR041038

The Town of Hingham is utilizing ARPA funds of \$460,000 for the first phase of a sewer improvement project in Route 3A. We completed a procurement in fall 2023 and signed a contract with Weston and Sampson to provide design, engineering, and permitting services for planned future improvements to/and or replacement of the main sewer line and appurtenances thereto located in a portion of the Route 3A highway in Hingham.

ARPA-1177: Town of Hingham - MWRA Regional Water Study

Funding amount: \$46,568.00

Approval date: 6/18/2024

Project Expenditure Category: 5.11 Drinking water: Transmission & Distribution

The Towns of Hingham, Cohasset, Scituate, Hanover, Abington, Rockland, Norwell, and their respective water systems (TOWNS) are considering the submission of an application to the MWRA. The purpose of this application is to meet the varied needs of the towns- increasing reliability and redundancy to their water supplies, as well as supporting economic development. The eight towns listed above are supplied by six water systems. The Towns seek engineering services to estimate the water supply and demand for each of the communities and evaluate the MWRA's ability to mitigate supply shortfalls. In addition, the awarded firm will evaluate the Towns' water system improvements required to extend MWRA supply to the TOWNS assuming that the Town of Weymouth joins the MWRA to supplement its water supply.

ARPA-1050: Town of Hull Sewer Ocean Outfall Restoration Project

Funding amount: \$986,803.00

Approval date: 8/24/2023

Project Expenditure Category: 5.1 Clean Water: Centralized Wastewater Treatment

NPDES Permit #: MAGS590037

The Ocean Outfall Restoration Project is intended to restore the full functionality of the Hull Wastewater Treatment Facility Ocean outfall by extending diffusers above the ocean bottom and removing accumulated material (sand, gravel, sea growth) in the 24-inch diameter outfall pipeline. The pipeline was installed over 44 years ago and will be restored to original condition while also considering dynamic changing conditions on the ocean bottom due to climate change, sea level rise, and extreme storm conditions. This is a priority project to ensure reliability, public health, environmental integrity, and restoration of outlet capacity since the treatment facility serves all of Hull and portions of Cohasset and Hingham.

ARPA-1129: Town of Hull Fire Department Ambulance

Funding amount: \$300,461.00

Approval date: 5/13/2024

Project Expenditure Category: 1.14 Other Public Health Services

This ARPA funding was used for the purchase of a Chevy 3500 Wheeled Coach Type 1 Citi Medic Ambulance including Stryker power stretcher and Stryker Power load system and other required ambulance equipment, for a total unit cost of \$300,461.00.

ARPA-1136: Town of Hull Revenue Replacement

Funding amount: \$401,955.48

Approval date: 3/13/2024

Project Expenditure Category: 6.1 Provision of Governmental Services

The Town of Hull used revenue replacement to cover several health insurance invoices.

ARPA-1137: Town of Hull Sewer Ocean Outfall Restoration Project

Funding amount: \$192,940.92

Approval date: 3/13/2024

Project Expenditure Category: 5.5 Clean Water: Other Sewer Infrastructure

NPDES Permit #: MAGS590037

The Hull Sewer Ocean Outfall Restoration Project was approved for ARPA funding by Plymouth County on August 24, 2023 in the amount of \$986,802. We had requested funding based on the engineer's estimate for the cost of construction, contingency and construction administration. This project was bid on September 20, 2023. There was only one bidder for this project and the bid was over the engineer's estimated costs. This additional ARPA funding of \$192,940.92 will cover almost all the cost of this priority project as it will ensure reliability, public health, environmental integrity and restoration of outlet capacity for this part of the infrastructure that was installed over 44 years ago. The Hull Wastewater Treatment Facility serves all of Hull as well as portions of Cohasset and Hingham.

ARPA-1112: Town of Kingston Water Main Replacement on Main Street, Hillcrest Road and part of Landing Rd

Funding amount: \$1,114,041.27

Approval date: 12/7/2023

Project Expenditure Category: 5.11 Drinking Water: Transmission & Distribution

PWS ID: 4145000

This project is for the replacement of 6" Cast Iron Water Main, Gate Valves, Hydrants and water services with a 12" PVC main and PVC service lines.

ARPA-1145: Town of Kingston Silver Lake High School Cafeteria HVAC Improvements

Funding amount: \$188,175.00

Approval date: 4/3/2024

Project Expenditure Category: 1.4 Congregate Settings Prevention

The ARPA funds are being utilized for the replacement of one (1) HVAC Roof Top Unit for the Regional Silver Lake High School Cafeteria. The current Roof Top Unit is 20 years old, which has outlived its serviceable lifespan of 15 years.

The following is a breakdown of the costs for the member towns of the Regional School District:

Total Cost: \$383,319

Member Town Responsibilities:

Town of Halifax: \$118,063 (using Stabilization Funds, not PC ARPA funds)

Town of Kingston \$188,175 (the rest of our Town's allocation of ARPA funds)

Town of Plympton \$43,314

ARPA-1058: Town of Lakeville Ambulance and Associated Equipment

Funding amount: \$572,403.49

Approval date: 8/1/2023

Project Expenditure Category: 1.14 Other Public Health Services

This project provides for the funding needed to procure an ambulance and related equipment for the Town of Lakeville.

ARPA-1125: Town of Middleborough Wareham Street Water Main Replacement

Funding amount: \$934,378.00

Approval date: 2/1/2024

Project Expenditure Category: 5.11 Drinking Water: Transmission & Distribution

PWS ID: 4182000

The Wareham Street Water Main Replacement Project will facilitate the replacement of the water main on Wareham Street, a portion of Wood Street, and several other small roads off Wareham and Wood Street. The Project spans 2.6 miles of road and includes the removal and replacement of piping that is between 102 and 138 years old on Wareham Street, as well as 60-year-old piping on Wood Street. Project work includes the removal and replacement of the existing pipe, valves, and fittings, backfilling the project area, water services, and hydrants. It also includes temporary/permanent patching and sidewalk restoration for the effected roadways.

The replacement of this essential infrastructure is vital to ensure that Middleborough's residents will continue to have access to clean, safe drinking water. The ARPA funds will be used for the project work described above, including the miscellaneous work required to

complete the Project such as mobilization, erosion control, and others. In addition, the ARPA funds will supplement approximately \$7.5 million in Town funds that were appropriated for the Project at the October 2023 Special Town Meeting.

ARPA-1101: Town of Norwell School Cameras

Funding amount: \$39,895.50

Approval date: 1/3/2024

Project Expenditure Category: 6.1 Provision of Governmental Services

This project is for the installation of 50 indoor security cameras for all Norwell public schools as part of a School Safety and Security-Phase I project. The cost includes the cameras and 3-year camera license.

ARPA-1103: Town of Norwell SCBA Compressor Fill Station

Funding amount: \$65,266.50

Approval date: 1/3/2024

Project Expenditure Category: 6.1 Provision of Governmental Services

The SCBA compressor used by the fire department to refill the firefighters' air tanks was failing and replacement parts were not readily available given the age of the unit. This project covers the purchase of the replacement compressor.

ARPA-1104: Town of Norwell Police Cruiser

Funding amount: \$64,800.00

Approval date: 1/3/2024

Project Expenditure Category: 6.1 Provision of Governmental Services

The ARPA funding will be utilized for the purchase of a police cruiser and related custom equipment.

ARPA-1119: Town of Norwell Voting Booths

Funding amount: \$12,826.78

Approval date: 1/3/2024

Project Expenditure Category: 6.1 Provision of Governmental Services

The Town Clerk requested the purchase of new voting booth machines to replace outdated ones. The ARPA funding will cover the costs of the new voting booth.

ARPA-1179: Town of Norwell MWRA Engineering Project

Funding amount: \$13,612.00

Approval date: 6/3/2024

Project Expenditure Category: 5.11 Drinking Water: Transmission & Distribution
PWS ID: 4219000

The Towns of Hingham, Cohasset, Scituate, Hanover, Abington, Rockland, Norwell, and their respective water systems (TOWNS) are considering the submission of an application to the MWRA. The purpose of this application is to meet the varied needs of the towns (i.e., increasing reliability and redundancy to their water supplies, as well as supporting economic development). The Towns listed above are supplied by six water systems. The Towns seek engineering services to estimate the water supply and demand for each of the communities and evaluate the MWRA's ability to mitigate supply shortfalls. In addition, the awarded firm will evaluate the Towns' water system improvements required to extend MWRA supply to the TOWNS, if the Town of Weymouth joins the MWRA to supplement its water supply. The TOWNS are considering whether to submit full applications to secure MWRA water capacity. The MWRA describes that availability in a September 14, 2022, Staff Summary entitled, Five Year Waiver of Entrance Fee. That document also includes Board approved edits to Policy # OP-10, Admission of New Community to the MWRA Water System, which guide a full application process. RFQ deliverables will provide the data needed for participating Towns to determine whether to pursue a full MWRA application.

ARPA-1185: Town of Norwell - Highway Ford F550 Dump Truck Replacement for Truck #7
Funding amount: \$89,866.47
Approval date: 6/19/2024
Project Expenditure Category: 6.1 Provision of Governmental Services

The current 2015 Ford F550 Dump truck that the highway is using needs to be replaced. This purchase is part of the Town's capital plan. Dump trucks are scheduled to be replaced every ten years, and the ARPA funding will be used for the replacement costs.

ARPA-1059: Town of Pembroke Oldham Street Parallel Water Main Abandonment and Paving
Funding amount: \$1,370,00.00
Approval date: 9/26/2023
Project Expenditure Category: 5.11 Drinking Water: Transmission & Distribution
PWS ID: 4231000

This project involves abandoning approximately 6,150 linear feet of existing 8-inch cast iron parallel water main on Oldham Street between Center Street and Pine Tree Lane. The engineering scope of work includes field survey and data collection, hydraulic evaluation, design, permitting, bidding assistance, construction administration, resident project representative oversight, record drawings, and updates to the unidirectional flushing program to reflect the work.

ARPA-1060: Town of Pembroke Edgewood Bogs New Water Source and Permitting
Funding amount: \$370,000.00

Approval date: 9/26/2023

Project Expenditure Category: 5.13 Drinking Water: Source

PWS ID: 4231000

A pumping test was previously conducted at the Edgewood Bogs site in 2007, as documented in the MassDEP review of the BRP WS 19 application dated November 28, 2007. The approved pumping rate is calculated as the safe yield of 346 gpm, or 0.498 MGD. This project is for re-conducting the pumping test, as these results are 15 years old.

ARPA-1061: Town of Pembroke Well #2 Pump Station Upgrades

Funding amount: \$250,000.00

Approval date: 9/26/2023

Project Expenditure Category: 5.10 Drinking Water: Treatment

PWS ID: 4231000

The Well 2 Pump Station Roof and Chemical Feed Upgrades project includes replacing the existing roofing system, installing an additional potassium hydroxide bulk tank, upsizing the chemical containment area as necessary, installing a ventilation system in the basement, and performing a 2" curb to curb overlay of the access driveway. It is assumed that the additional potassium hydroxide storage tank and expanded containment will fit within the existing building footprint, and that a building expansion will not be necessary. Engineering services will include field work, design, permitting, bidding assistance, and construction administration.

ARPA-1150: Town of Pembroke Revenue Replacement

Funding amount: \$710,242.86

Approval date: 4/3/2024

Project Expenditure Category: 6.1 Provision of Governmental Services

The Town of Pembroke will use these funds to replace lost revenue to avoid cuts to governmental services and to return services to their pre-pandemic level.

ARPA-1156: Town of Plymouth Water Street Sewer Interceptor – Increase to Original ARPA-1045

Funding amount: \$1,605,424.00

Approval date: 4/3/2024

Project Expenditure Category: 5.5 Clean Water: Other Sewer Infrastructure

NPDES Permit #: MAG590000

The Town of Plymouth will use the remaining Plymouth Municipal Allocation of ARPA funding to complete the sewer interceptor project on Water Street. The Town is using the Plymouth County ARPA funds for the bulk of the Northern Construction Contract.

ARPA-1127: Town of Plympton Revenue Replacement #1

Funding amount: \$46,089.400

Approval date: 2/29/2024

Project Expenditure Category: 6.1 Provision of Governmental Services

This project includes emergency tree work, roof repairs, well monitoring, gas and plumbing for generator, and door replacement.

ARPA-1147: Town of Plympton Silver Lake High School Cafeteria HVAC Improvements

Funding amount: \$43,314.00

Approval date: 4/3/2024

Project Expenditure Category: 1.4 Congregate Settings Prevention

ARPA funding will be used for the replacement of one (1) HVAC Roof To Unit for Silver Lake Regional High School Cafeteria. The current Roof Top Unite is 20 years old, which has outlived its serviceable lifespan of 15 years.

The following is a breakdown of the costs for the member towns of the Regional School District:

Total Cost: \$383,319

Member Town Responsibilities:

Town of Halifax: \$118,063 (using Stabilization Funds, not PC ARPA funds)

Town of Kingston \$188,175 (the rest of our Town's allocation of ARPA funds)

Town of Plympton \$43,314

ARPA-1105: Town of Rockland Wastewater Treatment Plant Improvements – design phase

Funding amount: \$880,000.00

Approval date: 12/7/2023

Project Expenditure Category: 5.18 Water and Sewer: Other

NPDES Permit #: MA0101923

This project will fund the design of improvements to the Sewer Department Wastewater Treatment Plant's Tertiary Treatment and electrical system, including overall facility plan updates, replacement of the existing electrical distribution system, and construction of a new Tertiary Treatment Facility designed to meet an average effluent total phosphorus concentration of 0.1 mg/L in accordance with the Rockland NPDES permit.

ARPA-1108: Town of Rockland Sewer Inflow and Infiltration remediation project

Funding amount: \$500,000.00

Approval date: 12/7/2023

Project Expenditure Category: 5.18 Water and Sewer: Other

NPDES Permit #: MA0101923

This project will identify and remove significant amounts of inflow and infiltration from the Rockland Wastewater Treatment Plant collection system. This work is required per a federal Environmental Protection Agency administrative order.

ARPA-1113: Town of Rockland Generator Replacement Sewer Facility

Funding amount: \$190,898.00

Approval date: 12/7/2023

Project Expenditure Category: 5.18 Water and Sewer: Other

NPDES Permit #: MA0101923

The current generator at the sewer facility has outlived its useful life, and it's become apparent that a replacement is needed to prevent any future interruptions to this critical public works infrastructure.

ARPA-1116: Town of Rockland Water Ion Exchange Vessels

Funding amount: \$493,126.50

Approval date: 12/7/2023

Project Expenditure Category: 5.10 Drinking Water: Treatment

PWS ID: 4001000

The scope of work for this project includes supply and delivery of six (6) 8-foot diameter ion exchange (IX) resin vessels, including interconnecting piping between two (2) 10-foot diameter granular activated carbon (GAC) vessels for PFAS treatment for the Abington and Rockland Joint Water Works at the Hannigan Water Treatment Plant. The total cost equals \$986,523.00 or \$493,261.50 per Town.

ARPA-1142: Town of Rockland Wastewater Treatment Facility Digester Boiler Replacement Project - 2

Funding amount: \$319,778.00

Approval date: 2/29/2024

Project Expenditure Category: 5.18 Water and Sewer: Other

NPDES Permit #: MA0101923

The existing boiler at Rockland's Wastewater Treatment Facility that serves the digester area is at the end of its service life, and the system has proven to be inadequate to serve the anaerobic digester requirements. The boiler is dedicated to a sludge heating system, containing piping, pumps, and a heat exchanger.

ARPA-1146: Town of Rockland Water Ion Exchange Vessels Amendment

Funding amount: \$79,238.50

Approval date: 3/13/2024

Project Expenditure Category: 5.10 Drinking Water: Treatment

PWS ID: 4001000

This project is for additional work relating to the ARPA-1116 project. The scope of work includes supply and delivery of an additional one (1) 10-foot diameter granular activated carbon (GAC) vessel for PFAS treatment for the Abington and Rockland Joint Water Works at the Hannigan Water Treatment Plant. The total cost equals \$158,477.00, or \$79,238.50 per Town.

ARPA-1165: Town of Rockland Revenue replacement

Funding amount: \$115,456.00

Approval date: 4/3/2024

Project Expenditure Category: 6.1 Provision of Governmental Services

This revenue replacement project will reimburse the Town for costs related to the Information Technology Department.

ARPA-1172: Town of Rockland MWRA Water Expansion Study

Funding amount: \$20,776.50

Approval date: 4/24/2024

Project Expenditure Category: 5.11 Drinking Water: Transmission & Distribution

PWS ID: 4001000

The Towns of Hingham, Cohasset, Scituate, Hanover, Abington, Rockland, Norwell, and their respective water systems (TOWNS) are considering the submission of an application to the MWRA. The purpose of this application is to meet the varied needs of the towns- increasing reliability and redundancy to their water supplies, as well as supporting economic development. The Towns listed above are supplied by six water systems. The Towns seek engineering services to estimate the water supply and demand for each of the communities and evaluate the MWRA's ability to mitigate supply shortfalls. In addition, the awarded firm will evaluate the Towns' water system improvements required to extend MWRA supply to the TOWNS if the Town of Weymouth joins the MWRA to supplement its water supply. The TOWNS are considering whether to submit full applications to secure MWRA water capacity. The MWRA describes that availability in a September 14, 2022, Staff Summary entitled, Five Year Waiver of Entrance Fee. That document also includes Board approved edits to Policy # OP-10, admission of a new community to the MWRA Water System, which guides a full application process. RFQ deliverables will provide the data needed for participating Towns to determine whether to pursue a full MWRA application.

ARPA-1204: Town of Rochester Ambulance Purchase

Funding amount: \$384,000.00

Approval date: 6/18/2024

Project Expenditure Category: 1.14 Other Public Health Services.4 Congregate Settings Prevention

This project funding is for the purchase of one Horton/Ford F550 Type I Ambulance and other required ambulance equipment.

ARPA-1068: Town of West Bridgewater Manley St PFAS Long Term Solution

Funding amount: \$1,308,258.70

Approval date: 9/28/2023

Project Expenditure Category: 5.10 Drinking Water: Treatment

PWS ID: 4322000

The Manley St. Plant has violated the MassDEP MCL once and is currently running in the action level near the top. When the new federal regulations go into effect Manley will be in violation. An addition to the building is planned. It will house two pressure vessels to treat for PFAS with redundancy. These new vessels will have to be piped into the system. It will contain a bulk tank for sodium hypochlorite. The spare filter used for the short-term solution will be piped back into the green sand filtration system. The green sand media will be updated to green sand plus. A pilot test will be run to determine new flow rates for treatment of the Iron/Manganese/PFAS. We will update the electrical and instrumentation running the plant to work with all the vessels and pumps

ARPA-1122: Town of Whitman Sewer Force Main Project

Funding amount: \$2,200,000.00

Approval date: 2/1/2024

Project Expenditure Category: 5.5 Clean Water: Other Sewer Infrastructure

NPDES Permit # or PWS ID: LOAN # CWP-21-17 and DMS PROJECT # CWSRF-6885

This project is for the Article 5 - 6/2/22 ATM Sewer Force Main Project. This includes the sewer main replacement from the Auburn Street pump station to a gravity sewer terminus manhole located in the City of Brockton.

ARPA-1123: Town of Whitman New 2024 Ford 4x4 Ambulance

Funding amount: \$534,028.90

Approval date: 2/15/2024

Project Expenditure Category: 1.14 Other Public Health Services

This project is for the purchase of one new/unused 2024 Ford F550 4x4 (Diesel Engine custom-built Lifeline "Superliner" Type 1-AD, Class I Emergency Vehicle.