

# **County of Plymouth, Massachusetts Recovery Plan**

## **State and Local Fiscal Recovery Funds 2023 Report**

**County of Plymouth, Massachusetts**  
**2023 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](http://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 \$27,949,765.49 of the ARPA funds received, including \$27,594,029.79 for project costs and \$355,735.70 for administrative expenses. The County has also received requests for additional projects totaling \$5,878,603.60.

## Table of Expenses by Expenditure Category

	Category	Cumulative expenditures to date (\$)	Amount spent since last Recovery Plan
<b>Expenditure Category: 1. Public Health</b>			
<b>COVID-19 Mitigation &amp; Prevention</b>			
1.1	COVID-19 Vaccination	\$0.00	\$0.00
1.2	COVID-19 Testing	\$278,200.00	\$278,200.00
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.)	\$5,502,940.00	\$5,502,940.00
1.5	Personal Protective Equipment	\$0.00	\$0.00
1.6	Medical Expenses (including Alternative Care Facilities)	\$726,508.00	\$726,508.00
1.7	Other COVID-19 Public Health Expenses (including Communications, Enforcement, Isolation/Quarantine)	\$312,779.58	\$312,779.58
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
<b>Community Violence Interventions</b>			
1.11	Community Violence Interventions	\$0.00	\$0.00
<b>Behavioral Health</b>			
1.12	Mental Health Services	\$0.00	\$0.00
1.13	Substance Use Services	\$0.00	\$0.00
<b>Other</b>			
1.14	Other Public Health Services	\$0.00	\$0.00

	Category	Cumulative expenditures to date (\$)	Amount spent since last Recovery Plan
<b>Expenditure Category: 2. Negative Economic Impacts</b>			
<b>Assistance to Households</b>			
2.1	Household Assistance: Food Programs	\$0.00	\$0.00
2.2	Household Assistance: Rent, Mortgage, and Utility Aid	\$0.00	\$0.00
2.3	Household Assistance: Cash Transfers	\$50,000.00	\$50,000.00
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	\$0.00	\$0.00
2.23	Strong Healthy Communities: Demolition and Rehabilitation of Properties <sup>^</sup>	\$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	\$0.00	\$0.00
2.28	Contributions to UI Trust Funds	\$0.00	\$0.00
<b>Assistance to Small Businesses</b>			
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
<b>Assistance to Non-Profits</b>			
2.34	Assistance to Impacted Nonprofit Organizations (Impacted or Disproportionately Impacted)	\$0.00	\$0.00
<b>Aid to Impacted Industries</b>			
2.35	Aid to Tourism, Travel, or Hospitality	\$0.00	\$0.00
2.36	Aid to Other Impacted Industries	\$0.00	\$0.00
<b>Other</b>			
2.37	Economic Impact Assistance: Other	\$0.00	\$0.00
<b>Expenditure Category: 3. Public Health-Negative Economic Impact: Public Sector Capacity</b>			
<b>General Provisions</b>			
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
<b>Expenditure Category: 4. Premium Pay</b>			
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
<b>Expenditure Category: 5. Infrastructure</b>			
5.1	Clean Water: Centralized Wastewater Treatment	\$2,340,000.00	\$0.00
5.2	Clean Water: Centralized Wastewater Collection and Conveyance	\$100,000.00	\$0.00
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	\$9,500,000.00	\$9,500,000.00
5.6	Clean Water: Stormwater	\$0.00	\$0.00
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	\$250,100.00
5.10	Drinking Water: Treatment	\$5,387,870.21	\$5,302,870.21
5.11	Drinking Water: Transmission & Distribution	\$1,700,000.00	\$1,700,000.00
5.12	Drinking Water: Lead Remediation, including in Schools and Daycares	\$0.00	\$0.00
5.13	Drinking Water: Source	\$0.00	\$0.00
5.14	Drinking Water: Storage	\$0.00	\$0.00
5.15	Drinking Water: Other Water Infrastructure	\$130,000.00	\$130,000.00
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	\$998,022.00	\$998,022.00
<b>Broadband</b>			
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	\$317,610.00
<b>Expenditure Category: 6. Revenue Replacement</b>			
6.1	Provision of Government Services	\$0.00	\$0.00
6.2	Non-federal Match for Other Federal Programs	\$0.00	\$0.00
<b>Expenditure Category: 7. Administrative</b>			
7.1	Administrative Expenses	\$355,735.70	\$207,316.45
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 and anticipated 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

### Approved Projects

ARPA-1003: City of Brockton May Learning Center

Funding amount: \$3,998,460.00

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

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

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

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 & Community Development.

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

Funding amount: \$102,583.48

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: \$1,800,000

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

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, 1 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

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

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  
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  
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 & Sewer Infrastructure for Municipal Facilities  
Funding amount: \$332,800.00  
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 & Drainage Replacement Project

Funding amount: \$1,700,000

Project Expenditure Category: 5.11 Drinking Water: Transmission & 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

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 & 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-1006: Town of Middleborough East Grove Water Treatment Plant Upgrade

Evaluation

Funding amount: \$85,000

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

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

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

Funding amount: \$726,508.00

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  
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-1016: Town of Plymouth Municipal Airport Wastewater Treatment Facility Upgrade  
Funding amount: \$2,250,000  
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.

ARPA-1026: Town of Plymouth Water Street Sewer Pump Station Flood Barrier Wall  
Funding amount: \$2,500,000.00  
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

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

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

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

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.

## **Anticipated/Pending Projects**

ARPA-1038: City of Brockton Police Radio Communication Infrastructure

Funding amount: \$890,839.87

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

This project is 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. The project will 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 to public safety. Conversion of the radio infrastructure to digital will allow officers to respond more effectively to emergency responses and work with neighboring communities.

ARPA-1040: City of Brockton Sycamore Grove

Funding amount: \$2,000,000.00

Project Expenditure Category: 2.37 Economic Impact Assistance: Other

This project is to convert an existing surface parking lot into a new public park to create additional open space for downtown residents and visitors. The new park will provide passive recreational activities and safe, open air, community gathering space. Brockton has seen a marked increase in denser, transit-oriented development downtown, but still lacks the necessary public green space to allow residents to engage in physical activity that will improve their quality of life. COVID-19 has significantly impacted the social determinants of health by limiting social and physical interactions. The development of Sycamore Grove will positively impact the community through the investment of outdoor spaces and help address the issues of diversity, equity, and inclusion.

ARPA-1065: Town of Carver Cardiac Monitors

Funding amount: \$91,107.70

Project Expenditure Category: 1.14 Other Public Health Services

This project is for the purchase 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 the Town was 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-1070: Town of Carver Upgrade Original HVAC System in Fire Station 2

Funding amount: \$6,395.50

Project Expenditure Category: 1.14 Other Public Health Services

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

ARPA-1074: Town of Carver IT Upgrades to Fire Dispatch, Fire Station 2, Fire Station 3

Funding amount: \$22,795.34

Project Expenditure Category: 1.14 Other Public Health Services

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

The new equipment will allow CFD personnel to conduct remote meetings, trainings and pre-plan incidents at each Fire Station remotely. The 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 the dispatchers and on-call firefighters serving remote fire stations, more reliable, convenient and secure video conferencing tools, ultimately providing a better response service to Town residents during emergencies and during future isolation health pandemics.

ARPA-1050: Town of Hull Ocean Outfall Restoration Project

Funding amount: \$986,803.00

Project Expenditure Category: 5.1 Clean Water: Centralized Wastewater Treatment

NPDES Permit #: MAGS590037

This 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-1058: Town of Lakeville Ambulance and Associated Equipment  
Funding amount: \$572,403.49  
Project Expenditure Category: 1.14 Other Public Health Services

This project is for the procurement of an ambulance and related equipment for the Town of Lakeville. COVID-19 has had a significant and direct impact the Lakeville Fire Department emergency response resources. The direct and indirect impacts of COVID-19 have resulted in a significantly increased burden on EMS staff, equipment and apparatus. This increased COVID-19 burden and the related cost has created a change in the EMS delivery paradigm that will be unsustainable without increased funding and resources. Since the start of the pandemic to last calendar year, the Town of Lakeville has experienced a 27% increase in confirmed and suspected COVID-19 cases. During this same period, the Department has seen a 23% overall increase in total patients treated.

ARPA-1068: Town of West Bridgewater Manley Street PFAS Long Term Solution  
Funding amount: \$1,308,258.70  
Project Expenditure Category: 5.10 Drinking Water: Treatment  
PWS ID #: 4322000

The Manley Street 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 that will house 2 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, and the Town will update the electrical and instrumentation running the plant to work with all the vessels and pumps.