



Commonwealth of Massachusetts
Executive Office of Energy & Environmental Affairs

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Department of Environmental Protection

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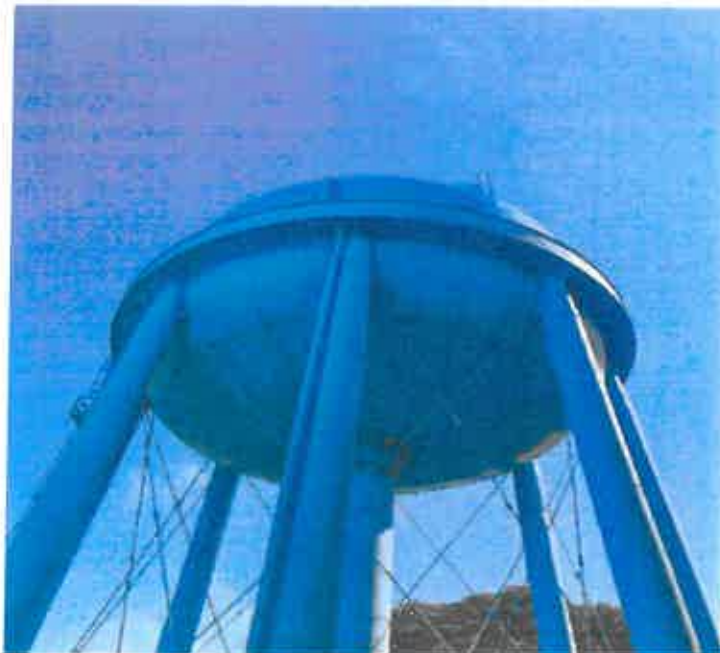
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DRAFT 2022 INTENDED USE PLAN For the DRINKING WATER STATE REVOLVING FUND February 17, 2022



This information is available in alternate format. Contact Michelle Waters-Ekanem, Director of Diversity/Civil Rights at 617-292-5751.

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EXECUTIVE SUMMARY

The Massachusetts Department of Environmental Protection (MassDEP) is pleased to present the Draft Calendar Year 2022 Intended Use Plan (IUP), which lists the projects, borrowers, and amounts that are recommended for financing through the Drinking Water State Revolving Fund (DWSRF) loan program. The DWSRF is a joint federal-state financing program that provides subsidized loans to protect public health by improving water supply infrastructure systems and protect drinking water in the Commonwealth.

Massachusetts is offering approximately \$357 million to finance drinking water projects across the Commonwealth. As noted in Table 1, approximately \$313 million is being offered to finance 41 new construction projects, an additional \$29 million will be allocated to finance 6 previously approved multi-year projects, and approximately \$10 million is allocated towards the 12 planning projects. An additional \$5 million has been allocated to the emergency set-aside account.

Seven proposals, totaling \$1.4 million, as noted in Table 2, have been selected to receive financial assistance for their Asset Management Planning (AMP) projects. Communities will receive 60% of the project cost, up to \$150,000, as a grant from the Massachusetts Clean Water Trust (Trust), totaling \$761,040. The balance of the cost can be made up of local contributions of cash and/or in-kind services. All or part of the local contribution may be borrowed from the Trust at the standard 2% interest rate with a term of up to five years.

2022 Highlights

- On November 15, 2021, President Biden signed into law the Bipartisan Infrastructure Law (BIL). The BIL provides three new federal grants through the Drinking Water State Revolving Fund DWSRF:
 1. Supplemental Drinking Water State Revolving Fund Grant
 2. Lead Service Line Replacement Grant
 3. Emerging Contaminants Grant

These grants will be provided annually over the next five years. It is estimated that for fiscal year 2022, Massachusetts expects to receive \$41.7 million for the Supplemental DWSRF Grant, \$65.6 million for the Lead Service Line Grant and \$17.5 million for the Emerging Contaminants Grant focusing on PFAS. Each of these grants requires that Massachusetts provide a portion of the funding as loan forgiveness. The Supplemental DWSRF Grant requires that \$20.4 million, or 49% of the total grant, be provided as loan forgiveness. The Lead Service Line Grant requires that \$32.1 million, or 49% of the total grant, be provided as loan forgiveness. The Emerging Contaminants Grant requires that the full amount of the grant be provided as loan forgiveness.

At this time, Massachusetts awaits further guidance from the EPA but anticipates being able to offer fixed percentages of additional loan forgiveness for certain projects targeting the state's priorities on the 2022 IUP or as required by USEPA. These fixed percentages are

anticipated to be consistently applied to the future IUPs covered under these new BIL federal grants. The large increase in the 2022 IUP is evidence of the additional BIL funding being put to use in the state, and Massachusetts looks forward to financing more projects at a lower cost to communities throughout the Commonwealth.

Some of the key provisions of BIL include amendments to the Safe Drinking Water Act (DWSRF Base Program):

American Iron and Steel - BIL makes the American Iron and Steel (AIS) procurement requirement permanent for *all* DWSRF construction projects going forward.

Build America, Buy America Act (BABAA) – BIL also expands domestic sourcing requirements with the inclusion of the Build America, Buy America Act (BABAA). Starting on **May 14, 2022**, all steel, iron, manufactured products, non-ferrous metals, plastic and polymer-based products (including polyvinylchloride, composite building materials, and polymers used in fiber optic cables), glass (including optic glass), lumber, and drywall used in infrastructure projects for federal financial assistance programs must be produced in the United States. Implementation guidance is being developed by the Made in America Office at the Office of Management and Budget (OMB).

BIL raised the minimum Safe Drinking Water Act requirement for Additional Subsidy to Disadvantaged Communities from 6% to 12%, establishing an additional subsidy range of 12% to 35% for the annual DWSRF capitalization grants.

- Congress has previously required that states use 14% of the annual DWSRF grant for additional subsidy. Massachusetts expects an award of \$25.5 million in 2022. Additional subsidy will be provided in the form of loan forgiveness for communities that might otherwise be unable to afford to undertake a project. MassDEP and the Trust will continue to provide additional subsidy as a fixed percentage of principal. Further details may be found in section II(A) of this IUP. Information about the Trust's Affordability Calculation may be found on the following webpage: <https://www.mass.gov/service-details/the-affordability-calculation>.
- On October 4, 2019, the Water Infrastructure Funding Transfer Act (WIFTA) was signed into law. This statute temporarily expands the authority to transfer funds from the Clean Water State Revolving Fund (CWSRF) to the DWSRF specifically to address a threat to public health because of heightened exposure to lead in drinking water. This temporary authority allows the Commonwealth to transfer up to 5% of the cumulative CWSRF federal grants to the DWSRF. Massachusetts has transferred \$30 million from the CWSRF to the DWSRF and the funding will be used to provide financial support in the form of loan forgiveness. This authority is in addition to the existing transfer authority under the Safe Drinking Water Act. Further details may be found in section V(E) of this IUP.
- During the 2022 calendar year, PFAS mitigation projects will continue to be eligible to receive additional subsidy in the form of a 0% interest rate loan contingent on the availability of funds.
- MassDEP is also offering additional subsidy for all projects with a renewable energy

component.

- The United States Environmental Protection Agency (USEPA) requires that 15% of total IUP assistance be directed toward Small Systems, those serving populations less than 10,000. Thirteen of the 2022 Small System applicants are being recommended for financing from the 2022 IUP with projects totaling approximately \$113 million. Since financing for Small Systems exceeds 15% of \$357 million, or \$44 million, Massachusetts expects to meet this requirement.

MassDEP appreciates the efforts that proponents have invested in the development of applications and recognizes proponents' efforts to enhance and protect the public health of the Commonwealth.

TABLE 1
DRINKING WATER STATE REVOLVING FUND
Calendar Year 2022 DWSRF Draft Intended Use Plan

NEW PROJECTS

Rating	Applicant	SRF ID	Project	Project Cost	2022IUP Cost
547	BOSTON WATER AND SEWER COMMISSION (H)(L)	7185	Elimination of Lead Water Services in Boston	\$28,039,539	\$15,000,000
546*	LEICESTER WATER SUPPLY DISTRICT (PF)	7051	Water System Interconnection with Worcester	\$4,800,000	\$4,800,000
545*	PALMER (PF)	6958	Water Storage Tanks Mitigation and Restoration	\$1,500,000	\$1,500,000
541	SCITUATE	6985	Stearn's Meadow Water Treatment Plant	\$35,000,000	\$15,000,000
540	AMHERST (PF)(H)#	7036	Centennial Water Treatment Plant Replacement	\$14,000,000	\$14,000,000
535	SOMERSET (PF)	7134	Booster Pump Station & High Service Area Rehab	\$3,300,000	\$3,300,000
535	NEW BEDFORD (PF)(L)	7168	Lead Service Line Replacement Program	\$16,170,000	\$5,000,000
529*	BLANDFORD (PF)	6975	Water Treatment Plant Upgrade	\$350,000	\$350,000
529	CONCORD	7059	Nagog Pond Water Treatment Plant	\$28,037,000	\$15,000,000
527	NORTH ATTLEBOROUGH (PF)(H)	6956	McKeon WTF PFAS Treatment Facility	\$9,250,000	\$9,250,000
527	LOWELL (PF)(H)(L)	7106	Lead Services Replacement Project	\$3,930,929	\$3,930,929
525	MANSFIELD (PF)(H)	7040	Walsh Well PFAS Treatment System and Well Upgrades	\$6,740,000	\$6,740,000
525	ABINGTON-ROCKLAND JOINT WATER WORKS (PF)	7152	Hannigan and Myers Avenue WTP PFAS Treatment	\$53,344,000	\$15,000,000
525	BURLINGTON (H)	7245	Mill Pond Water Treatment Plant - PFAS	\$15,000,000	\$15,000,000
525	SHARON	6942	Production Well 4 PFAS Treatment	\$3,555,800	\$3,555,800
520*	TOWNSEND (PF)	6964	PFAS Water Treatment Improvements	\$14,090,000	\$14,090,000
520*	COHASSET	7169	GAC Treatment and Chlorine System Upgrades	\$4,035,000	\$4,035,000
519*	EASTHAM (PF)	7047	Eastham Water System - Phase 2E	\$15,624,375	\$15,000,000
517	SUDBURY (H)	7156	Raymond Road Water Treatment Plant PFAS Treatment	\$6,438,600	\$6,438,600
516*	HOPEDALE (PF)	7201	Greene Street WTP PFAS Treatment	\$7,046,200	\$7,046,200
516*	BARNSTABLE FIRE DISTRICT (PF)(H)	7128	Water Filtration Plant Construction - Wells 2 & 5	\$16,350,000	\$15,000,000
514*	MEDWAY (H)	7196	Medway - Populatic St. Water Treatment Plant	\$21,412,000	\$15,000,000
513	NANTUCKET (H)	7011	Water System Expansion West of Nantucket Airport	\$7,800,000	\$7,800,000
449	NEW BEDFORD (PF)#	7172	Quittacas Water Treatment Plant Upgrades	\$23,637,500	\$10,000,000
444	FITCHBURG (PF)	7001	Oak Hill Water Storage Tank Replacement	\$2,750,000	\$2,750,000
443	SPRINGFIELD (PF)	6998	42 inch Raw Water Conduit Repair	\$7,908,700	\$7,908,700
440	TAUNTON (PF)(H)	7179	Assawompset Pumping Station Improvements	\$1,220,000	\$1,220,000

438	FALL RIVER (PF)(H)	7093 WTP Redundant Pipeline	\$4,647,500	\$4,647,500
432	LOWELL (PF)(H)	6957 Lowell High Pressure Zone Interconnection	\$4,435,000	\$4,435,000
427	HAVERHILL (PF)(H)	7144 Phase 3B - Transmission Main Improvements	\$5,810,000	\$5,810,000
427	MASSACHUSETTS WATER RESOURCES AUTHORITY	7218 Section 23, 24, 47 Water Mains Rehab	\$14,700,000	\$8,000,000
425*	BELCHERTOWN (PF)(H)	7183 Pine Valley Plantation Water System Replacement	\$4,543,000	\$4,543,000
425	ANDOVER (H)	6978 Phase 1 Water Transmission Main Improvements	\$9,229,440	\$9,229,440
423	WINTHROP (PF)	7102 Revere Street PRV Station Improvements	\$1,633,750	\$1,633,750
423	LAWRENCE (PF)(H)	7209 Tower Hill Transmission Main Redundancy	\$1,628,000	\$1,628,000
421*	EAST BROOKFIELD (PF)	6965 Water Storage Improvements	\$9,545,000	\$9,545,000
418*	GEORGETOWN	6966 Water Treatment System Improvements	\$16,450,000	\$15,000,000
413*	ESSEX	7178 Town of Essex's Water Treatment Plant Upgrade	\$2,640,800	\$2,640,800
321	TEWKSBURY (PF)(H)(L)	7043 Tewksbury AC Water Main Replacement Project	\$6,468,000	\$6,468,000
237	FALL RIVER (PF)(H)(L)	6989 Water Main Improvements - Phase 22	\$4,715,250	\$4,715,250
205	WINTHROP (PF)(L)	7062 Revere,Crest,& Grovers Ave. St. Dist. Improvements	\$2,912,000	\$2,912,000
TOTAL OF NEW PROJECTS			\$440,687,383	\$312,922,969

(Count: 41)

(Average Rating: 471.9)

* - Small System

(H) - Housing Choice Communities

(L) - Water Infrastructure Funding Transfer Act (WIFTA) Projects

(PF)- Disadvantaged Community

(RE) - Potential Renewable Energy Projects

- Projects contains Energy Efficiency, Renewable Energy and/or meets EPA's definition of a Green Project (<https://www.epa.gov/greeningepa/energy-and-emissions-epa>)

(D) - Dropped by Applicant

MassDEP PRIORITY PROJECTS

Applicant	SRF ID Project	Project Cost	2022 IUP Cost
EMERGENCY SRF SET-A-SIDE	2978	\$5,000,000	\$5,000,000
TOTAL OF MassDEP PRIORITY PROJECTS		\$5,000,000	\$5,000,000

(Count: 1)

MULTI-YEAR CARRYOVER AND STATUTORY PROJECTS

Applicant	SRF ID Project	Project Cost	2022 IUP Cost
BRAINTREE	7258 Tri-Town Regional Water Treatment Plant	\$25,000,000	\$10,000,000
HOLBROOK	7259 Tri-Town Regional Water Treatment Plant	\$25,000,000	\$6,800,000
MASSACHUSETTS WATER RESOURCES AUTHORITY	4119 SEH Redundancy and Storage	\$49,297,289	\$2,000,000
MASSACHUSETTS WATER RESOURCES AUTHORITY	4564 Weston Aqueduct Supply Main Rehabilitation	\$19,382,850	\$6,000,000
MASSACHUSETTS WATER RESOURCES AUTHORITY	6691 Northern Intermediate High Section 89 Replacement	\$32,619,000	\$1,000,000
RANDOLPH	7260 Tri-Town Regional Water Treatment Plant	\$25,000,000	\$3,200,000
TOTAL OF MULTI-YEAR CARRYOVER AND STATUTORY PROJECTS		\$176,299,139	\$29,000,000

(Count: 6)

PLANNING PROJECTS

Applicant	SRF ID Project	Project Cost	2022 IUP Cost
BILLERICA (H)	6938 Raw Water Intake/Transmission Main Study	\$500,000	\$500,000
BILLERICA (H)	6947 Treble Cove Booster Pump Station Study	\$100,000	\$100,000
BLANDFORD	7076 Water System Capital Improvement Plan	\$44,500	\$44,500
BLANDFORD	7204 Water Main Replacement & Storage Evaluation	\$75,000	\$75,000
BROCKTON (H)(L)	7187 Lead Service Line Replacement Program - Phase I	\$600,000	\$600,000
LEICESTER	7008 Moose Hill Reservoir—DEP New Source Approval	\$636,000	\$636,000
LEICESTER WATER SUPPLY DISTRICT	7115 Groundwater Source Investigations	\$200,000	\$200,000
MILLIS (L)	7082 Millis Lead Service Inventory & Replacement Plan	\$139,000	\$139,000
NEW BEDFORD	7240 Phase 5 - Transmission Main Inspection Program	\$7,050,000	\$7,050,000
NEW BEDFORD (L)	7181 Lime to Caustic Evaluation	\$200,000	\$200,000
ROCKPORT (L)	7159 Lead Services Inventory & Replacement Plan	\$176,600	\$176,600
WAYLAND (L)	7174 Lead Service Line Inventory and Replacement Plan	\$139,200	\$139,200
TOTAL OF PLANNING PROJECTS		\$9,860,300	\$9,860,300

(Count: 12)

TOTAL OF DRAFT INTENDED USE PLAN**\$631,846,822 \$356,783,269**

TABLE 2
DRINKING WATER STATE REVOLVING FUND
Calendar Year 2022 DWSRF ASSET MANAGEMENT PLANNING PROJECTS

ASSET MANAGEMENT PLANNING PROJECTS

Rating	Applicant	SRF ID	Project	Project Cost	Grant Amount
98	TEMPLETON	7071	Templeton Municipal Light & Water Plant AMP	\$120,000	\$72,000
92	TAUNTON (H)	7222	Taunton Water Asset Management Plan	\$194,264	\$116,558
90	FALL RIVER (H)	7170	Water System Geodatabase and Mapping	\$250,000	\$150,000
90	LINCOLN (H)	7073	Lincoln Water Asset Management Plan	\$111,250	\$66,750
76	CHELMSFORD WATER DISTRICT	7010	Horizontal Asset Management Program	\$412,575	\$150,000
73	ABINGTON-ROCKLAND JOINT WATER WORKS	7131	ARJWW Asset Management	\$93,750	\$56,250
70	AVON	7057	Avon Cybersecurity and Continuity Asset Management	\$249,277	\$149,482
TOTAL OF ASSET MANAGEMENT PLANNING PROJECTS				\$1,431,116	\$761,040

(Count: 7)

TOTAL OF PROJECT PRIORITY LIST	\$1,431,116	\$761,040
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I. BACKGROUND

The Federal Safe Drinking Water Act Amendments of 1996 authorized the award of capitalization grants to the States to create individual Drinking Water State Revolving Fund (DWSRF) loan programs. These programs provide state-administered subsidized loans to finance publicly and privately owned community water supply projects. Under the DWSRF program, states provide a 20% match to the federal capitalization grant to create the loan fund. Projects to be financed are selected using a priority ranking system based upon protection of the public health and improved compliance together with affordability.

The DWSRF is jointly administered by the Massachusetts Department of Environmental Protection (MassDEP) and the Massachusetts Clean Water Trust (Trust). MassDEP manages the technical aspects of project development while the Trust manages the disbursement of funds and the sale of bonds to provide capital to the program.

Pursuant to the applicable provisions of the Federal Safe Drinking Water Act Amendments of 1996, Chapter 78 of the Acts of 1998, and 310 CMR 45.00, MassDEP has developed its Draft Calendar Year 2022 Intended Use Plan/Project Priority List (IUP/PPL), with its attendant ranking of drinking water projects, as noted in Table 3. A project must appear on the PPL and the IUP Project Listing to receive financial assistance under the State Revolving Fund (SRF) Loan program.

This Draft IUP includes \$357 million in financing and describes Massachusetts' intended uses for all funds available in the DWSRF program for calendar year 2022. It includes the projects that Massachusetts expects to provide financial assistance to and an overview of how the state will comply with federally mandated requirements. To ensure communities continue to protect the health of our citizens while maintaining low costs for consumers, the Commonwealth is pleased to offer subsidized financing to our water suppliers for projects in this Intended Use Plan that remove PFAS from drinking water. In doing so, the Commonwealth reserves its rights to assert claims and causes of action to recover funds from third parties, including product manufacturers, otherwise responsible for the PFAS contamination impacting the Commonwealth's drinking water, groundwater, surface waters or environment in any manner

This Draft IUP contains 7 Asset Management Planning (AMP) projects, totaling \$1.4 million. These communities will receive 60% of the project cost, up to \$150,000, as a grant from the Trust, totaling \$761,040. The remaining project costs are to be funded by local contributions of cash and/or in-kind services. All or part of the local contribution may also consist of a loan from the Trust at the standard 2% interest rate with a term of up to five years.

All new projects receiving financial assistance from the DWSRF will be eligible for loans at 2% or, in certain instances, below 2%. The Commonwealth subsidizes these loans, funding the spread between market interest rates and the awarded rate. This subsidy will continue to be allotted to the SRF programs in this and upcoming budget cycles. Certain priority projects, with the primary purpose of PFAS mitigation, may be eligible for 0% interest loans. Prior to committing

to permanent financing, MassDEP will review all submitted information to determine a project's eligibility for the reduced interest rate.

To be considered for financing priority, communities must have appropriated the necessary local project funds or have committed to a schedule to obtain those funds by **June 30, 2022**.

Completed applications must be submitted to MassDEP at the earliest possible time, but not later than **October 14, 2022**. A complete application must contain the local funding authorization and the required supporting documentation. Any project not meeting these deadlines will be removed from the IUP Project Listing. Projects offered financing that do not advance, may be replaced by the highest ranked project on the Project Priority List that is ready to proceed.

All SRF related documents, including this IUP, the priority ranking system, loan application forms, regulations, and IUPs from the previous year, may be found on the MassDEP web site at: <https://www.mass.gov/state-revolving-fund-srf-loan-program>.

II. CALENDAR YEAR 2022 PROJECT FINANCING

In 2022, MassDEP expects to finance 38 new construction projects, 8 carryover projects, and 12 planning projects totaling approximately \$357 million. Included in this amount is a \$5 million emergency reserve to finance unanticipated problems of acute public health concern that may arise during the year. Table 1 is the proposed funding list for 2022 and Table 3 is the extended PPL. Tables 2 and 4 list the projects that have been selected to receive grants from the Trust for their Asset Management Planning projects.

Massachusetts expects to receive \$25.5 million from the United States Environmental Protection Agency (USEPA) to fund the DWSRF for 2022. Following are some of the more notable DWSRF program components and requirements:

A. Additional Subsidy

Eligible construction projects appearing on the 2022 IUP will receive additional subsidy, to the extent that funds are available, in the form of loan forgiveness, based on the affordability tier system described below and provided as a set percentage based on the community's tier ranking.

Massachusetts has established an Affordability Criteria to calculate and distribute loan forgiveness. The assignment of communities to an affordability tier is based on an Adjusted Per Capita Income (APCI) calculation. Tier rankings are calculated annually by comparing a community's APCI as a percentage of the Commonwealth's APCI. See the following table for the tier breakdown.

Tier	Percent of State APCI	Minimum Loan Forgiveness
1	Greater than 80%, but less than 100%	6.6%
2	Greater than 60%, but less than 80%	13.2%
3	Less than 60%	19.8%

With the establishment of the Disadvantaged Communities program, all projects that are eligible for additional subsidy on the 2022 DWSRF IUP and PPL are now considered Disadvantaged Communities (DC) and will be reported as such. The establishment of a formal DWSRF DC program does not change the distribution of loan forgiveness and does not require any additional actions from eligible communities beyond the requirements already in place for loan forgiveness.

Projects that have a renewable energy component will qualify as a Tier 1 community and receive loan forgiveness for the portion of the loan that is financing the renewable energy component.

Loan forgiveness will be disbursed over construction contracts that are executed by June 30, 2023, subject to the availability of funds, and may be limited to the lesser of the executed contracts or the IUP cost. Planning projects are not eligible for loan forgiveness.

In addition to meeting the Affordability Criteria, under Chapter 259 of the Acts of 2014, *An Act Improving Drinking Water and Wastewater Infrastructure*, applicants for additional subsidy are required to:

- a. establish water enterprise funds (or equivalent separate restricted accounts); and
- b. not have made any transfers from such enterprise fund in the last 5 years to fund the community's general operating budget.

B. Housing Choice Initiative

Communities that have earned the Housing Choice designation at the time of the SRF project solicitation are eligible to have their loan's interest rate reduced by 0.5% (for example from 2% to 1.5% for a standard term loan). However, under no circumstance can the interest rate fall below 0%. For example, if a community qualifies for a 0% interest loan for a PFAS mitigation project, it cannot receive an added discount through the Housing Choice designation. Housing Choice initiative communities must also certify to the enterprise account requirements noted above.

C. Applicant Cap

The Massachusetts SRF regulations (310 CMR 45) place a limit on any one proponent receiving any more than 25% of the available financing each year. Because of the shortfall of available funds relative to the number of worthwhile projects, and to extend financial assistance to as many

highly ranked projects as possible, MassDEP is implementing an applicant cap of \$15 million for the 2022 financing period. MassDEP reserves the right to waive the applicant cap limitation if MassDEP determines that one or more projects on the IUP Project Listing are not ready to proceed. If the applicant cap is waived, communities may see an increase in financing for projects not fully financed on the IUP listing.

D. Small Systems

Congress requires that 15% of the total amount of DWSRF funds be dedicated towards Small Systems, i.e., drinking water systems serving fewer than 10,000 customers. The total DWSRF funds expected to be available for 2022 is \$357 million. Fifteen percent of that amount is \$44 million. The IUP list contains thirteen small system projects totaling approximately \$118 million, which exceeds the 15% requirement. Therefore, Massachusetts expects to meet this requirement.

E. Set-Aside Activities

Congress allows states to apply set-asides from the DWSRF grant, to provide management of the program and technical assistance to Public Water Suppliers. MassDEP's objectives for DWSRF set-aside activities are included as Appendix A. For 2022, these set-aside activities include funds that will be earmarked for issues involving small water supply systems, local assistance for wellhead protection, capacity implementation, and program management and administration. Appendix A details how MassDEP intends to utilize these set-aside funds in FY 2022 to implement the federal Safe Drinking Water Act (SDWA).

III. SHORT- AND LONG-TERM GOALS

The following are the goals that Massachusetts has set for its DWSRF:

Short-Term Goals

- Finance highly ranked, construction ready, drinking water improvement projects.
- Prioritize projects that undertake full replacements of lead service lines.
- Prioritize projects that remove PFAS from drinking water.
- Promote the asset management planning and cybersecurity best management practices by providing grants through the Trust's Asset Management Planning grant program.
- Finance eligible projects addressing unanticipated problems of acute public health concern that arise during the year and constitute an imminent public health threat.
- Provide targeted outreach and engage with communities across the Commonwealth about SRF program benefits, priorities, and opportunities to improve water quality and reduce project costs.

Long-Term Goals

- Ensure that the DWSRF program remains accessible to assist communities across the Commonwealth to maintain compliance with the Safe Drinking Water Act, particularly communities with small systems.
- Identify and prioritize additional subsidy for projects in the IUP that serve Disadvantaged Communities.
- Ensure that water treatment projects financed through the SRF fully consider cost-effective energy efficiency measures and/or renewable energy strategies.
- Assist public water suppliers to finance projects to address the impact of climate change and resiliency concerns on the safe and continuous operation of the utility.
- Promote systematic Asset Management Planning for drinking water utilities to achieve long-term sustainability and deliver consistent service in a cost-efficient manner.
- Establish and efficiently manage a permanent source of financing for drinking water infrastructure to enhance and protect public health.
- Promote public engagement and program transparency by publishing informative and readily accessible program materials and reports.

IV. ALLOCATION OF FUNDS

A. Criteria and Method for Distribution of Funds

Massachusetts rates projects using the Commonwealth's priority ranking system. The criteria used to rank potential projects can be found on the MassDEP website at <http://www.mass.gov/eea/agencies/massdep/water/grants/state-revolving-fund.html>. The ranking system is reviewed annually to reflect changing priorities at MassDEP. The criteria emphasize the nature of the public health problem that the project will address, compliance with the Safe Drinking Water Act, project affordability, the extent to which the project is consistent with regional or watershed wide plans and the extent to which the project qualifies as a green project, a project that minimizes greenhouse gas emissions and energy use.

Once all projects have been rated and ranked, the PPL is developed (Table 3). With input from the Trust, MassDEP identifies all the sources of funds and spending limits and develops the IUP Project Listing (Table 1).

To be considered for financing, projects must meet State and Federal eligibility requirements, must be ready to proceed during the financing period, must have appropriated local funds necessary to finance the entire project, and have a MassDEP approved planning element. An approvable planning element can be a Project Evaluation Report, Integrated Water Resource Management Plan, or other MassDEP sanctioned planning document. Projects proposing to replace lead service lines must ensure that lines will be replaced to the users' meters to preserve priority ranking. Furthermore, no community can receive financial assistance unless it can

demonstrate that it has adequate technical, financial, and managerial capacity, as approved by MassDEP. Eligibility includes consistency with the assurances described in this document and the requirements contained within MassDEP's financial assistance regulations.

B. Project Bypass Procedure

A project on the IUP Project Listing may be bypassed if MassDEP determines that the bypassed project will not be ready to proceed during the financing period. Project(s) bypassed may be replaced by the highest ranked priority project(s) on the PPL that are ready to proceed, or the funds may be used to provide emergency financing, or for project cost increases to other projects approved previously. If complete loan applications are not received by MassDEP by October 14, 2022, the project will be automatically considered for bypassing.

C. Types of Projects to be Financed and Financing Rates

Any drinking water project of an eligible borrower is eligible to receive financial assistance from the Trust. Such eligible projects include, but are not limited to:

- Projects to address or prevent violation of public health standards, including projects to come into or maintain compliance.
- Projects to replace aging infrastructure, if such projects are needed to maintain compliance or further public health goals and requirements, including projects to rehabilitate or develop sources to replace contaminated sources, install or upgrade treatment or storage facilities, and install or replace transmission and distribution pipes to prevent contamination or improve water pressure to safe levels.
- Projects to consolidate and/or restructure a public water system.
- Planning and/or design of any eligible project.

Costs of construction that MassDEP determines are necessary for the completion of the project are eligible for financing in the loan and to receive a subsidy under the loan, subject to the applicant cap. Costs for planning projects are eligible for financing during the 2022 funding period. Although costs for design are eligible, they will not be financed during this funding period due to the high demand for construction financing.

All projects on the IUP are eligible for 2% interest rate loans. Certain projects that are primarily for PFAS mitigation are eligible for 0% interest loans. A determination will be made as to the eligibility for 0% interest loans before the loan is permanently financed.

V. FINANCIAL MANAGEMENT

A. Source of State Match

Based on the anticipated 2022 DWSRF grant of \$25.5 million from USEPA, the required 20% state match equals \$5.1 million. In addition, it is estimated that for 2022, Massachusetts will receive \$41.7 million for the Supplemental Grant. The required 10% state match equals \$4.17 million. These state match funds are provided to the Trust from the Commonwealth's Capital Plan.

B. Fee Income

The Trust charges an amount not to exceed \$5.00 per \$1,000 as a loan origination fee to offset the costs incurred during its bond issuances. Recipients of SRF loans are charged an annual administrative fee of 0.15% (15 basis points) against the outstanding loan principal to fund salaries and expenses of the Trust and MassDEP related to SRF project development and loan management. As of June 30, 2021, the Trust has a balance approximately \$51.5 million in its Administrative Account. The Trust's Administrative Account funds the 10% state management set-aside. Use of those funds is detailed in the attached Set-Aside plan (Appendix A).

C. Program Administration

The Commonwealth of Massachusetts intends to use the full 4% of the Federal capitalization grant funds for administrative support of activities related to the DWSRF. Use of those funds is detailed in the DWSRF Grant Application that the Trust files each year with the USEPA and in the attached Set-Aside plan (Appendix A).

D. Anticipated Cash Draw Ratio

Massachusetts will draw 100% of the state match funds before drawing federal funds. This will ensure that Massachusetts remains in compliance with the required cash draw ratios.

E. Transfer of Funds Between CWSRF and DWSRF

Section 302 of the 1996 Safe Drinking Water Act Amendments allows states the flexibility to move funds between the Clean and the Drinking Water SRF programs, to better address specific state priorities. The USEPA allows an equivalent of up to 33% of the Drinking Water grant to be transferred between the CWSRF and DWSRF.

The CWSRF IUP capacity frequently allows Massachusetts to finance all the requested projects each year. Generally, half to a third of requested DWSRF construction projects go unfinanced. The level of federal grant funding of the DWSRF is insufficient to meet the need for project financing. Transferring a limited amount of funds from the CWSRF to the DWSRF this year and in the future will help increase the overall capacity of the DWSRF and reduce the number of unfinanced projects without any impacts to the CWSRF IUP. Massachusetts

will transfer funds from the CWSRF to the DWSRF program in the amount of \$8.4 million (33% of the 2021 DWSRF grant amount of \$25.5 million).

Furthermore, on September 30, 2020, under WIFTA's transfer authority, the Trust transferred \$30 million from the CWSRF to the DWSRF. The transfer will be used to provide added subsidies for eligible projects in the 2021, 2022, and possibly the 2023 DWSRF IUPs. Project activities eligible for this lead abatement loan forgiveness include planning and construction for lead removal, corrosion control capital improvements, and full replacements of lead service lines. WIFTA funds must be drawn down within 5 years of the date of the WIFTA transfer. The Trust evaluated the financial impact that the transfer will have on the CWSRF and determined it will not adversely impact the Trust's ability to finance high priority CWSRF projects.

F. Estimated Sources and Uses

The sources of funds available to the Massachusetts DWSRF include the federal capitalization grant, the federal supplemental BIL grants, state match and borrower loan repayments. The Trust may leverage these funds up to 3 times. Under this authority, the Trust will finance approximately \$290 million of DWSRF eligible projects.

G. Additional Subsidy and the Disadvantaged Communities Program

As required in federal law applicable to the DWSRF capitalization grant, a minimum of 12% of the grant must be provided as additional subsidy to Disadvantaged Communities (DCs). In the 2022 DWSRF IUP, MassDEP and the Trust will ensure that the required level of additional subsidy is disbursed to eligible projects.

VI. Program Management

A. Assurances and Special Conditions

MassDEP and the Trust have provided the required assurances and certifications as part of the Operating Agreement (OA) between Massachusetts and the USEPA. The OA describes the mutual obligations among USEPA, MassDEP and the Trust. The purpose of the OA is to provide a framework of procedures to be followed in the management and administration of the DWSRF.

Title XIV of the Federal Safe Drinking Water Act amendments of 1996 and subsequent regulations and guidance require that the Commonwealth certify compliance with or acceptance of a number of conditions. These include compliance with the applicable provisions of s. 1452, State Revolving Loan Fund, as follows:

- **Environmental Reviews:** DWSRF borrowers are required to meet the standards of the National Environmental Policy Act (NEPA) or a State equivalent. Some projects, owing to their relatively minor environmental impacts, if any, do not trip the threshold of the Massachusetts Environmental Policy Act (MEPA) and are therefore not subject to the rigorous environmental review process set forth in MEPA. The Commonwealth reasons

that these projects are categorically exempt from the NEPA review process as well. A planning level review of each of the eligible projects concludes that since these projects almost uniformly are the upgrade or rehabilitation of existing infrastructure, most will not usually require MEPA review. A final determination of project relevancy under MEPA cannot be made until the preliminary design phase of work is complete on each project.

- Binding Commitments: The DWSRF will enter binding commitments for 120 percent of each quarterly grant payment within one year of receipt of the payment.
- Expeditious and Timely Expenditures: The DWSRF will expend all funds in the DWSRF in a timely manner.
- Set-Aside Programs. The Commonwealth will conduct set-aside activities consistent with the plan provided as Appendix A to this document.

B. Federal Requirements

A number of federal requirements apply to DWSRF projects in an amount equal to the capitalization grant including:

- Single Audit Act (2 CFR 200 Subpart F)
- Federal Funding Accountability and Transparency Act (FFATA) reporting
- Disadvantaged Business Enterprise compliance (all projects)
- Federal environmental crosscutters (all projects)

MassDEP and the Trust will identify the group of projects that must comply with these requirements in the USEPA grant application. Frequently, the group of projects changes as projects move towards construction, usually due to attrition. If changes are made to the group of projects, appropriate amendments to the grant application will be made.

C. Davis-Bacon Wage Rates

The USEPA's FY2022 Appropriations bill requires the application of Davis-Bacon prevailing wage rates to all drinking water projects funded in whole or in part by the DWSRF. MassDEP ensures that the required Davis-Bacon language is included in contracts and conducts field verifications of project compliance with the wage rate requirements.

D. American Iron and Steel and the Build America, Buy America Act

On November 15, 2021, the Bipartisan Infrastructure Law made the American Iron and Steel (AIS) procurement requirement permanent for *all* DWSRF construction projects going forward. Furthermore, BIL extends this procurement requirement to *all* DWSRF construction projects going forward with the inclusion of the **Build America, Buy America Act (BABAA)**. Starting on May 14, 2022, all steel, iron, manufactured products, non-ferrous metals, plastic and polymer-based products (including polyvinylchloride, composite building materials, and polymers used in fiber optic cables), glass (including optic glass), lumber, and drywall used in infrastructure projects for federal financial assistance programs must be produced in the United States. MassDEP ensures that the required procurement language is included in contracts and conducts field verifications of project compliance. Appropriate AIS and BABAA

language has also been included in the Project Regulatory Agreement and the Financing Agreement.

E. Audits and Reporting

MassDEP and the Trust will comply with all the auditing and reporting requirements of the USEPA. A single audit is conducted annually and reporting to the USEPA is done through the Drinking Water Project Benefits Reporting system, the National Information Management System, Biennial Report and FFATA reporting.

VII. Public Review and Comment

Notice of the availability of the Draft Calendar Year 2022 IUP/PPL will be made on February 18, 2022. Pursuant to the provisions for adequate alternative public access to agency hearings, set forth in Section 20 of Chapter 20 of the Acts of 2021, an Act Extending Certain COVID-19 Measures Adopted During the State of Emergency, a public hearing on the Draft IUP will take place virtually on March 22, 2022, at 10 AM. MassDEP will accept oral testimony during the public hearing and written testimony may be submitted during the public comment period that closes on March 22, 2022, at 5 PM. Records of the testimony received will be maintained in MassDEP's files. MassDEP will take into consideration the testimony received to finalize the IUP.

**TABLE 3
DRINKING WATER STATE REVOLVING FUND
Calendar Year 2022 DWSRF Project Priority List**

NEW PROJECTS

Rating	Applicant	PWSID	Pop.	SRF ID	Project	Project Cost
547	BOSTON WATER AND SEWER COMMISSION (H)(L)	3035000	617594	7185	Elimination of Lead Water Services in Boston	\$28,039,539
546*	LEICESTER WATER SUPPLY DISTRICT (PF)	2151000	3200	7051	Water System Interconnection with Worcester	\$4,800,000
545*	PALMER (PF)	1227003	3258	6958	Water Storage Tanks Mitigation and Restoration	\$1,500,000
541	SCITUATE	4264000	19760	6985	Steam's Meadow Water Treatment Plant	\$35,000,000
540	AMHERST (PF)(H)#	1008000	37819	7036	Centennial Water Treatment Plant Replacement	\$14,000,000
535	SOMERSET (PF)	4273000	18165	7134	Booster Pump Station & High Service Area Rehab	\$3,300,000
535	NEW BEDFORD (PF)(L)	4201000	95072	7168	Lead Service Line Replacement Program	\$16,170,000
529*	BLANDFORD (PF)	1033000	874	6975	Water Treatment Plant Upgrade	\$350,000
529	CONCORD	3067000	16605	7059	Nagog Pond Water Treatment Plant	\$28,037,000
527	LOWELL (PF)(H)(L)	3160000	106519	7106	Lead Services Replacement Project	\$3,930,929
527	NORTH ATTLEBOROUGH (PF)(H)	4211000	28712	6956	McKeon WTF PFAS Treatment Facility	\$9,250,000
525	BURLINGTON (H)	3048000	26444	7245	Mill Pond Water Treatment Plant - PFAS	\$15,000,000
525	ABINGTON-ROCKLAND JOINT WATER WORKS (PF)	4001000	33404	7152	Hannigan and Myers Avenue WTP PFAS Treatment	\$53,344,000
525	SHARON	4266000	16528	6942	Production Well 4 PFAS Treatment	\$3,555,800
525	MANSFIELD (PF)(H)	4167000	24113	7040	Walsh Well PFAS Treatment System and Well Upgrades	\$6,740,000
520*	TOWNSEND (PF)	2299000	6500	6964	PFAS Water Treatment Improvements	\$14,090,000
520*	COHASSET	4065000	7622	7169	GAC Treatment and Chlorine System Upgrades	\$4,035,000
519*	EASTHAM (PF)	4086095	4904	7047	Eastham Water System - Phase 2E	\$15,624,375
517	SUDBURY (H)	3288000	18563	7156	Raymond Road Water Treatment Plant PFAS Treatment	\$6,438,600
516*	BARNSTABLE FIRE DISTRICT (PF)(H)	4020000	5236	7128	Water Filtration Plant Construction - Wells 2 & 5	\$16,350,000
516*	HOPEDALE (PF)	2138000	5966	7201	Greene Street WTP PFAS Treatment	\$7,046,200
514*	MEDWAY (H)	2177000	9654	7196	Medway - Populatic St. Water Treatment Plant	\$21,412,000
513	NANTUCKET (H)	4197000	27703	7011	Water System Expansion West of Nantucket Airport	\$7,800,000
449	NEW BEDFORD (PF)#	4201000	95072	7172	Quittacas Water Treatment Plant Upgrades	\$23,637,500
444	FITCHBURG (PF)	2097000	40545	7001	Oak Hill Water Storage Tank Replacement	\$2,750,000

443	SPRINGFIELD (PF)	1281000	228554	6998	42 inch Raw Water Conduit Repair	\$7,908,700
440	TAUNTON (PF)(H)	4293000	58088	7179	Assawompset Pumping Station Improvements	\$1,220,000
439	FALL RIVER (PF)(H)	4095000	89541	7093	WTP Redundant Pipeline	\$4,847,500
432	LOWELL (PF)(H)	3160000	106519	6957	Lowell High Pressure Zone Interconnection	\$4,435,000
427	HAVERHILL (PF)(H)	3128000	60769	7144	Phase 3B - Transmission Main Improvements	\$5,810,000
427	MASSACHUSETTS WATER RESOURCES AUTHORITY	6000000	2550000	7218	Section 23, 24, 47 Water Mains Rehab	\$14,700,000
425*	BELCHERTOWN (PF)(H)	1024002	600	7183	Pine Valley Plantation Water System Replacement	\$4,543,000
425	ANDOVER (H)	3009000	33201	6978	Phase 1 Water Transmission Main Improvements	\$9,229,440
423	WINTHROP (PF)	3346000	17497	7102	Revere Street PRV Station Improvements	\$1,633,750
423	LAWRENCE (PF)(H)	3149000	80162	7209	Tower Hill Transmission Main Redundancy	\$1,628,000
421*	EAST BROOKFIELD (PF)	2084000	1528	6965	Water Storage Improvements	\$9,545,000
418*	GEORGETOWN	3105000	8766	6966	Water Treatment System Improvements	\$16,450,000
413*	ESSEX	3092000	3200	7178	Town of Essex's Water Treatment Plant Upgrade	\$2,640,800
321	BILLERICA (PF)(H)	3031000	43367	6949	Phase 1 Water Main Replacement	\$9,325,000
321	TEWKSBURY (PF)(H)(L)	3295000	31044	7043	Tewksbury AC Water Main Replacement Project	\$6,468,000
318	CHICOPEE (PF)	1061000	55126	6976	South Fairview Water Main Replacement - Phase A	\$5,156,000
315*	WEST BOYLSTON (PF)	2321000	7524	7182	Lee St Water Main Replacement	\$837,000
313*	LINCOLN (H)	3157000	5640	7120	Water Main Replacement	\$3,388,000
313	AGAWAM (PF)	1005000	28613	7094	Belvidere & Brookline Water Main Replacement	\$2,060,000
313*	AVON (PF)	4018000	4292	7098	Phase 1B Water Main Improvements Project	\$1,238,000
313	AGAWAM (PF)	1005000	28613	7113	Northeast Area Water Main Replacement	\$6,178,000
245	NEW BEDFORD (PF)	4201000	95072	7173	Highway Bridge Crossing Replacement Project	\$6,300,000
244	FITCHBURG (PF)	2097000	40545	7146	Meetinghouse Gatehouse Rehabilitation	\$2,000,000
240	TAUNTON (PF)(H)	4293000	58088	7151	Water Meter Replacement Project	\$8,000,000
237	LOWELL (PF)(H)	3160000	106519	6983	Lowell Regional Water Utility Lagoon Construction	\$4,020,500
237	FALL RIVER (PF)(H)(L)	4095000	89541	6989	Water Main Improvements - Phase 22	\$4,715,250
236	TAUNTON (PF)(H)	4293000	58088	7186	Prospect Hill Reservoir Cover Replacement	\$2,400,000
236	BROCKTON (PF)(H)	4044000	95594	7189	Transmission Main Replacement Project	\$20,000,000
236	TAUNTON (PF)(H)	4293000	58088	7224	Prospect Hill New Storage Tanks	\$14,950,000
235	NEW BEDFORD (PF)	4201000	95072	7164	Hathaway Road HSA Improvements	\$25,760,000
231	ANDOVER (H)	3009000	33201	7215	Water Treatment Plant Upgrades	\$14,868,500

230	FALL RIVER (PF)(H)	4095000	89541	6988 Wilson Road Booster Pumping Station	\$2,167,000
229*	ADAMS FIRE DISTRICT (PF)	1004000	8100	7028 Well 3 PS Upgrade	\$1,625,000
228	LAWRENCE (PF)(H)	3149000	80162	7192 Water Treatment Plant & Source Improvements	\$4,647,819
227	HAVERHILL (PF)(H)	3128000	60769	7026 Booster Pump Station Improvements	\$3,075,000
227	BOSTON WATER AND SEWER COMMISSION (H)	3035000	617594	7080 2022 Water Works Improvements City-wide	\$42,251,400
227	ANDOVER (H)	3009000	33201	7149 North Reading Transmission Main Improvements	\$5,237,100
227	HAVERHILL (PF)(H)	3128000	60769	7166 Haverhill Fixed Network Meter	\$13,749,800
227	MASSACHUSETTS WATER RESOURCES AUTHORITY	6000000	2550000	7242 Clean & Line Sect 47, 59 & 60 - CP-3	\$11,500,161
225	MATTAPOISETT RIVER VALLEY WATER DISTRICT	4173001	29600	7068 Water Treatment Plant Ultrafiltration System	\$3,877,500
225	FRANKLIN (H)	2110000	10925	7092 Hillside Tanks No. 1 and No. 2 Replacement	\$7,343,000
225	MANSFIELD (PF)(H)	4167000	24113	7065 Dustin-Priscott Replacement Wells & Water Main Int	\$3,580,000
223	KINGSTON (PF)	4145000	14131	7228 New Well Source - Kelleher Property	\$2,465,000
222	ANDOVER (H)	3009000	33201	7109 Chandler Road Water Main Improvements	\$2,372,220
221	BILLERICA (PF)(H)	3031000	43367	6948 Crosby Hill Tank Replacement Project	\$2,242,500
220*	DIGHTON WATER DISTRICT (PF)	4076000	4912	6968 Brook Street Well Acquisition	\$6,000,000
220*	HOPEDALE (PF)	2138000	5966	7157 Hopedale Water Storage Tank	\$5,320,000
219	METHUEN (PF)(H)	3181000	50706	7101 Granite Street Pump Station & Emergency Upgrades	\$5,663,000
218*	AVON (PF)	4018000	4292	7027 Interconnection Pump Station	\$1,564,000
217	ANDOVER (H)	3009000	33201	6980 Water Main Improvements - Columbia Gas Recovery	\$6,371,000
217	METHUEN (PF)(H)	3181000	50706	7006 Forest Street Tank Rehabilitation	\$3,145,000
216	LAWRENCE (PF)(H)	3149000	80162	7060 Lawrence Water Main Improvement	\$7,037,255
215*	MILLIS (PF)	2187000	8729	7197 Walnut St Booster Station & Water Main Replacement	\$1,418,133
213	KINGSTON (PF)	4145000	14131	7211 Main Street Water Main Replacement	\$1,612,000
213*	PLAINVILLE (H)	4238000	9230	7213 Downtown Distribution System Improvements	\$6,868,745
213*	AVON (PF)	4018000	4292	7095 Phase 1A Water Main Improvements Project	\$2,003,000
211	MILTON	3189000	27003	7031 Water Main Replacement	\$2,030,000
210*	DOUGLAS (PF)	2077000	3855	6991 Water Main Replacement	\$7,430,290
207	METHUEN (PF)(H)	3181000	50706	7052 Arlington Neighborhood Water Main Replacement	\$9,072,000
205	SAUGUS (PF)	3262000	23757	7045 Oceanview Avenue Water Booster Station	\$390,000

205	WINTHROP (PF)(L)	3346000	17497	7062 Revere,Crest,& Grovers Ave. St. Dist. Improvements	\$2,912,000
205*	PAXTON (PF)	2228000	4092	7154 West Street Water Main	\$2,313,500
150	SPRINGFIELD (PF)(RE)	1281000	228554	7077 WTP Electrical Upgrade & Hydropower	\$16,765,000
127	ANDOVER (H)	3009000	33201	6996 SCADA Upgrades	\$1,680,800

TOTAL OF NEW PROJECTS **\$759,985,606**

(Count: 89)

(Average Rating: 343.29)

* - Small System

(H) - Housing Choice Communities

(L) - Water Infrastructure Funding Transfer Act (WIFTA) Projects

(PF) - Disadvantaged Community

(RE) - Potential Renewable Energy Projects

- Projects contains Energy Efficiency, Renewable Energy and/or meets EPA's definition of a Green Project (<https://www.epa.gov/greeningepa/energy-and-emissions-epa>)

(D) - Dropped by Applicant

MassDEP PRIORITY PROJECTS

Applicant	SRF ID	Project	Project Cost
EMERGENCY SRF SET-A-SIDE	2978		\$5,000,000
TOTAL OF MassDEP PRIORITY PROJECTS			\$5,000,000

(Count: 1)

MULTI-YEAR CARRYOVER AND STATUTORY PROJECTS

Applicant	PWSID	Pop.	SRF ID	Project	Project Cost
BRAINTREE	4040002	25	7258	Tri-Town Regional Water Treatment Plant	\$25,000,000
HOLBROOK	4040002	25	7259	Tri-Town Regional Water Treatment Plant	\$25,000,000
MASSACHUSETTS WATER RESOURCES AUTHORITY	6000000	2550000	4119	SEH Redundancy and Storage	\$49,297,289
MASSACHUSETTS WATER RESOURCES AUTHORITY	6000000	2550000	4564	Weston Aqueduct Supply Main Rehabilitation	\$19,382,850
MASSACHUSETTS WATER RESOURCES AUTHORITY	6000000	2550000	6691	Northern Intermediate High Section 89 Replacement	\$32,619,000
RANDOLPH	4040002	25	7260	Tri-Town Regional Water Treatment Plant	\$25,000,000
TOTAL OF MULTI-YEAR CARRYOVER AND STATUTORY PROJECTS					\$176,299,139

(Count: 6)

PLANNING PROJECTS

Applicant	SRF ID	Project	Project Cost
BILLERICA (H)	6938	Raw Water Intake/Transmission Main Study	\$500,000
BILLERICA (H)	6947	Treble Cove Booster Pump Station Study	\$100,000
BLANDFORD	7076	Water System Capital Improvement Plan	\$44,500
BLANDFORD	7204	Water Main Replacement & Storage Evaluation	\$75,000
BROCKTON (H)(L)	7187	Lead Service Line Replacement Program - Phase I	\$600,000
LEICESTER	7008	Moose Hill Reservoir—DEP New Source Approval	\$636,000
LEICESTER WATER SUPPLY DISTRICT	7115	Groundwater Source Investigations	\$200,000
MILLIS (L)	7082	Millis Lead Service Inventory & Replacement Plan	\$139,000
NEW BEDFORD	7240	Phase 5 - Transmission Main Inspection Program	\$7,050,000
NEW BEDFORD (L)	7181	Lime to Caustic Evaluation	\$200,000
ROCKPORT (L)	7159	Lead Services Inventory & Replacement Plan	\$176,600
WAYLAND (L)	7174	Lead Service Line Inventory and Replacement Plan	\$139,200
TOTAL OF PLANNING PROJECTS			\$9,860,300

(Count: 12)

TOTAL OF PROJECT PRIORITY LIST **\$951,145,045**

TABLE 4
DRINKING WATER STATE REVOLVING FUND
Calendar Year 2022 DWSRF ASSET MANAGEMENT PLANNING PROJECTS

ASSET MANAGEMENT PLANNING PROJECTS				
Rating	Applicant	SRF ID	Project	Project Cost
98	TEMPLETON	7071	Templeton Municipal Light & Water Plant AMP	\$120,000
92	TAUNTON (H)	7222	Taunton Water Asset Management Plan	\$194,264
90	FALL RIVER (H)	7170	Water System Geodatabase and Mapping	\$250,000
90	LINCOLN (H)	7073	Lincoln Water Asset Management Plan	\$111,250
76	CHELMSFORD WATER DISTRICT	7010	Horizontal Asset Management Program	\$412,575
73	ABINGTON-ROCKLAND JOINT WATER WORKS	7131	ARJWW Asset Management	\$93,750
70	AVON	7057	Avon Cybersecurity and Continuity Asset Management	\$249,277
TOTAL OF ASSET MANAGEMENT PLANNING PROJECTS				\$1,431,116
(Count: 7)				
TOTAL OF PROJECT PRIORITY LIST				\$1,431,116

APPENDIX A



DRINKING WATER STATE REVOLVING FUND (DWSRF)

Draft Intended Use Plan - Fiscal Year 2022 Set-aside

Funds Authorized Under the Federal
Safe Drinking Water Act

Ver.
12/15/2021

Information on Set-asides

The State of Massachusetts plans to set aside \$7,917,620 (31% of \$25,550,000 - FY2021 Amended Amount) of the Capitalization Grant for various non-construction related activities that are authorized in the Safe Drinking Water Act Amendments of 1996. These activities are often vital to water systems so that they can develop and maintain the financial, technical, and managerial capacity to run their system effectively. A portion of the set-aside money will be used to develop and implement programs withinstate government necessary to implement the DWSRF and the SDWA Amendments of 1996.

The SDWA provides guidance for a variety of uses of the set-aside money. The set-aside money will be placed in separate accounts outside the Project Fund. The SDWA allows for transfers between the set-aside accounts and are the current best estimates of the funds required to complete the programs and projects described in the IUP. Transfers of funds between accounts and projects in accordance with EPA requirements will be made as necessary to accomplish the programs and projects described and efficiently and effectively use the available funds. The SDWA limits the percentage of the capitalization grant that can be used in each of these set-asides and whether the set-aside funds can be "banked" or reserved for future use.

I. 4% DWSRF ADMINISTRATION – 5 FTEs

MassDEP anticipates applying for the full 4% (\$1,021,040) from FY 2021 SRF Capitalization Grant for DWSRF Program Administration. These funds will be combined with any remaining prior year funds in order to provide comprehensive DWSRF program assistance. Duties may include (but not be limited to):

A. MANAGE DWSRF COORDINATION of projects and liaison with the Massachusetts Water Pollution Abatement Trust.

B. OVERSEE ADMINISTRATION AND MANAGEMENT of the DWSRF Priority List/Intended Use Plan process and fiscal administrative aspects of the set-asides, such as grant application and fiscal reporting, and coordinate with the Drinking Water Program in regard to the set-asides.

C. SUPPORT, CONDUCT, AND ANALYZE SRF PROJECT APPLICATIONS AND PROJECT REVIEWS

4% Set-Aside Deliverables

Coordination of all DWP Source Protection and Technical Services Activities
Set-Aside IUP and Work Plan Sections that Reflect Drinking Water Program Needs and Priorities
Oversight of DWSRF Loans and Grants

4% Set-Aside Measures of Success

Drinking Water Source Protection and Technical Services Section activities that support Drinking Water Program goals and priorities and are coordinated with the DWSRF
Set-Aside activities achieve stated deliverables and measures of success that are consonant with Drinking Water Program objectives.
Award of loans and grants in a timely manner

II. 2% FOR SMALL SYSTEMS SET-ASIDE- (3 FTEs)

MassDEP anticipates applying for the full 2% (\$511,000) from FY 2021 SRF Capitalization Grant for small systems technical assistance. These funds will be combined with any remaining prior year funds in order to provide comprehensive technical assistance to small public water systems. Duties may include (but not be limited to):

A. STAFFING TO SUPPORT SAFE DRINKING WATER ACT COMPLIANCE (3 FTEs)

In providing technical assistance in support of Small System Capacity Development. FTEs will continue to be provided in the region to follow up with individual small systems on specific compliance issues and other system operation issues.

B. CONTRACTED SERVICES –TECHNICAL ASSISTANCE:

MassDEP will fund a contractor (s) to provide a variety of direct technical, financial and managerial assistance to small drinking water system. Priority given to disadvantaged communities. Activities will focus on the Safe Drinking Water Act requirements and Massachusetts Drinking Water Regulations and creating an environment of transparency with the DWP Data. The proposed activities may include (but not be limited to): Asset management planning, engineering assistance and evaluations, loan application assistance, emergency response, cyber security, leak detection and well identification. Trainings may include Very Small System Operator Training, Cyber Security, Annual Statistical Reporting, Emerging Contaminants, Cross Connection Control, Opening and Closing a Seasonal System, Regulatory Updates, pump and motor maintenance, rate setting, disinfection, sampling, and exam review. Trainings must meet the requirements established by Division of Licensure (DOL) and can include classroom, self-guided and on-line. Funds may be combined with Contracted Services identified in 15% set aside.

All activities are subject to change and are dependent upon the availability of funding.

2% Set-Aside Deliverables:

- On-site training and support to Public Water Suppliers.
- Perform TNC compliance assistance sanitary surveys and provide Groundwater Under the Influence evaluations.
- Technical assistance given to targeted systems that have specific SDWA treatment compliance issues
- Technical assistance to public water systems on GWR.
- Reviews of technical reports related to water supply technology and analysis.
- Technical reviews of state initiatives such as disinfection byproduct treatment or groundwater disinfection.
- Supervision of technical staff and training programs for suppliers.
- Technical reviews of major water quality projects and public health data.
- Information for the public and for water suppliers on major water quality problems.
- Seminars on SDWA Topics.
- Establishment and operation of mentoring groups.
- Training sessions (with credits) providing Certified Operator Training.

2% Set-Aside Measures of Success:

- Compliance issues are successfully addressed in the targeted systems.
- Completion of planned capacity sanitary survey visits.
- Effective technical assistance given as scheduled.
- Each group seminar will be followed by an evaluation form to be filled out by participants to assess the efficacy of the seminar. Evaluation of the results will be considered as part of the contract assistance, and provided to the MassDEP staff responsible for implementing

training initiatives and reporting on Capacity Development, for their assessment and future planning. Evaluation of all training and assistance will consider the success of recruiting recalcitrant and high-priority systems.

- Reports reviewed as scheduled.

III. 10% FOR STATE PROGRAM MANAGEMENT – 8.5 FTEs

MassDEP anticipates applying for the full 10% (\$2,552,600) from FY 2021 SRF Capitalization Grant for Program Management. The State Program Management Set-aside is used to fund: A) Administrative assistance to the PWSS program; B) Technical assistance for source water protection activities; C) Assistance for capacity development initiatives; D) support for state operator certification program; E) Public Water System data management; F) Technical assistance for emerging contaminants and Rules. G. Indirect charges

A. PWSS SUPPORT – 4.5 FTEs

The money will provide funding for approximately 4.5 FTEs and their associated operating costs. Duties of the FTEs include capacity development, consumer confidence report assistance, adoption and implementation of new regulations, implementation of new and existing federal rules, source water assessments and protection, planning, outreach, data management, engineering and construction supervision, compliance supervision and other drinking water program activities.

B. SOURCE PROTECTION SUPPORT – 1 FTEs

The Source Protection function has been integrated into the general drinking water program activities. MassDEP is still funding 3 FTEs worth of this work from the 10% set-aside, but the source protection tasks are now distributed among more individuals and reaching more PWS. It also includes implementing the chemical monitoring waiver program which provides incentive to do source protection as well as promoting preparedness and sustainability.

C. CAPACITY DEVELOPMENT SUPPORT – 2.0 FTEs

MassDEP has designated specific regional staff as capacity development specialists. The Drinking Water Program has discerned that it is more productive to train all staff that do Sanitary Surveys in the elements of Capacity Development. The Drinking Water Program will focus on promoting the following four elements during the coming year;

1. Asset Management
2. Cyber Security
3. Water Quality
4. Emerging Contaminants

D. OPERATOR CERTIFICATION SUPPORT – 1 FTEs

The MassDEP has a very active operator certification program. The program activities have been integrated into daily activities of staff. Program activities range from chairing the Board of Certification of Drinking Water Operators to providing general and specialized training of and guidance for drinking water operators at all levels.

E. CONTRACT SERVICES- PUBLIC WATER SYSTEM INFORMATION MANAGEMENT

MassDEP will fund Information Technology (IT) staff to assist with data management support for programs related to public water systems and implementation of the Safe Drinking Water Act. Key activities include reporting and database maintenance and improvement. All activities are dependent upon the availability of funding.

F. CONTRACTED SERVICES – PUBLIC WATER SYSTEM TECHNICAL ASSISTANCE:

MassDEP will fund a third-party contractor to provide technical assistance support to the DWP and PWS. Activities will focus on the Safe Drinking Water Act requirements and Massachusetts Drinking Water Regulations and support for electronic submission of data to DWP. The proposed activities may include (but not be limited to) the following: Supporting PWS and DEP in submittal of Annual Statistical Report and Water Quality Monitoring Reports. Development of training programs to support DWP staff and PWS in the proper submission of electronic data.

G. MASSDEP INDIRECT CHARGES ON MATCH FOR 10% PROGRAM MANAGEMENT ACTIVITIES

The Commonwealth intends to completely meet the one-to-one match required through in-kind services incurred by MassDEP through the administration costs that were incurred during the periods of fiscal years 1993 and 2018. Detailed documentation will be provided upon request.

IV. 15% -SOURCE WATER PROTECTION AND CAPACITY DEVELOPMENT – 24.7 FTEs

MassDEP anticipates applying for the full 15% (\$3,832,350) from FY 2021 SRF Capitalization Grant for Source Water Protection and Capacity Development. The authorized activities under this set-aside can include; land acquisition and conservation easement program, source water protection, wellhead protection and technical and financial capacity implementation. (24.7) FTE's and contracted services.

A. WELLHEAD PROTECTION AND CAPACITY IMPLEMENTATION-21 FTEs

1. Assist with source protection program activities related to groundwater sources, as well as operation of the UIC program (a.k.a. "Underground Source Water Protection Program"). Ensure consistency of this work among regions; coordinate with GIS and Internet programs; coordinate with other MassDEP programs; investigate available data for usefulness to groundwater protection; and develop relevant policies and procedures.
2. Develop and maintain spatial data related to public water sources and potential contamination threats. Work with regional staff and resources to locate regulated facilities including locating information in files and making site visits to collect location information. Assist with GIS management.
3. Assist in Zone II delineation (and re-delineation as needed) and other wellhead protection-related work.
4. Provide technical assistance on source protection to public water suppliers and local officials, and assist with the source water assessment program and with protection of groundwater sources from contamination by septic systems. This includes providing system-specific protection recommendations.

5. In accordance with the Capacity Strategy, provide technical assistance in implementing capacity development, including the ability to provide adequate quantities of source water. Provide Capacity Outreach.
6. Provide assistance, primarily with protection of groundwater sources.

B. CONTRACTED SERVICES – TECHNICAL ASSISTANCE:

MassDEP will fund a contractor (s) to provide a variety of direct technical, financial and managerial assistance to public water systems. Priority given to disadvantaged communities. Activities will focus on the Safe Drinking Water Act requirements and Massachusetts Drinking Water Regulations. The proposed activities may include (but not be limited to): Lead and Copper Rule Revisions (LCRR) Unregulated contaminants, water quality reports review, including PFAS/PFOA, Total Coliform Rule (RTCR), Disinfection By Products reduction, compliance,

Contractor may provide trainings that may include Very Small System Operator Training, Cyber Security, Annual Statistical Reporting, Emerging Contaminants, Cross Connection Control, Opening and Closing a Seasonal System, Regulatory Updates, pump and motor maintenance, rate setting, , disinfection, sampling and exam review. Trainings must meet the requirements established by Division of Licensure (DOL) and can include classroom, self-guided and on-line. Regulatory Updates, Sampling sites review. Funds may be combined with Contracted Services identified in 2% set aside.

C. CONTRACTED SERVICES – Statewide Well Location Parcel Matching

MassDEP will fund a contractor(s) to continue work associated with well completion report parcel matching and spatial data improvements to well locations in Massachusetts. Activities will focus on the Safe Drinking Water Act requirements and Massachusetts Drinking Water Regulations in protecting the groundwater quality in the Commonwealth by acquiring as many accurate locations as possible for the 200,000+ wells currently housed in the Well Driller database. All activities are subject to change and are dependent upon the availability of funding.

D. CONTRACTED SERVICES – Hydrogeological Services

MassDEP will fund a contractor(s) to continue work associated with assisting the Drinking Water Program with SDWA source approval/ hydrogeologic reviews. Activities will focus on the Safe Drinking Water Act requirements and Massachusetts Drinking Water Regulations in protecting the groundwater quality and quantity in the Commonwealth by reviewing the hydrogeologic components of New Source Approvals, Zone II delineations, Groundwater Discharge Permits near Public Water Supplies, and potential contamination threats to Public Water Supplies. All activities are subject to change and are dependent upon the availability of funding.

All activities are subject to change and are dependent upon the availability of funding.

15% Set-Aside Deliverables

- UIC program operating under State Primacy
- Spatial data, maps.
- Zone II Reviews
- On-Site training and support to water suppliers
- UIC tracking and reports
- Outreach materials, technical assistance meetings, training for regions, and bylaw reviews.

- Implementation of water conservation capacity improvement grant program.
- Implementation of Capacity Development program.
- Implementation of the Source Water Protection program.
- Plan for implementation of the Lead and Copper Rule Revisions (LCRR)

15% Set-Aside Measures of Success:

- Improved source protection for ground water sources at state and local levels
- GIS databases are properly reviewed and maintained
- Reviews are conducted in a timely manner
- Contract oversight is effective
- Technical Assistance is appropriate and timely and leads to improved source and aquifer protection in the systems visited
- Methods to assure capacity to deliver adequate quantities of drinking water are developed
- Program goals meet MassDEP objectives
- Improved protection at the local level

IUP SET ASIDE BUDGET

Administrative Set Aside 4%

Source of Funds	
Unexpended Prior Years	\$876,230
Current Year - SFY22	\$144,810
	\$1,021,040

Expenses	
Salary	\$1,008,256
Equipment	\$6,500
Travel	\$2,000
Supplies	\$4,284
Total Requested	\$1,021,040

Small Systems 2%

Source of Funds	
Unexpended Prior Years	\$189,811
Current Year - SFY22	\$510,980
	\$700,791

Expenses	
Salaries	\$574,391
Contracts	\$115,000
Travel	\$2,500
Supplies	\$8,900
Total requested	\$700,791

State Program Management Set-Asides 10%

Source of Funds	
Unexpended Prior Years	\$0
Current Year - SFY22	\$2,552,600
	\$2,552,600

Expenses	
Salaries	\$1,549,538
Contracts	\$540,000
Travel	\$2,000
Supplies	\$12,977
Unprogrammed	\$448,085
Total Requested	\$2,552,600

Local Assistance Set-Aside 15%

Source of Funds	
Unexpended Prior Years	\$946,701
Current Year - SFY22	\$3,832,350
	\$4,779,051

Expenses	
Salaries	\$4,332,810
Contracts	\$435,307
Travel	\$3,934
Supplies	\$7,000
Total Requested	\$4,779,051

TOTAL FUNDS

Unexpended Prior Years	\$2,012,742
Current Year - SFY22	\$7,040,740
	\$9,053,482

TOTAL EXPENSES

Salaries	\$7,464,995
Contracts/Equipment	\$1,096,807
Travel	\$10,434
Supplies	\$33,161
Unprogrammed	\$448,085
Total Requested	\$9,053,482

2021 Affordability Calculation for the 2022 IUP

Adjusted Per Capita Income (APCI) = PCI*employment rate*(pop 2020/pop 2010)

State APCI= \$48,225.32

Tier	Community	Per Capita Income	Empoyment Rate	Population Trend	Adjusted Per Capita Income	Percent of State Adjusted Per Capita Income
2	Abington	\$ 38,406.11	93.30%	107%	\$ 38,245.43	<u>79.31%</u>
	Acton	\$ 70,003.51	94.64%	110%	\$ 72,587.46	<u>150.52%</u>
2	Acushnet	\$ 33,074.73	94.18%	102%	\$ 31,923.03	<u>66.20%</u>
3	Adams	\$ 23,696.38	92.31%	96%	\$ 21,050.78	<u>43.65%</u>
2	Agawam	\$ 30,743.26	93.92%	101%	\$ 29,130.77	<u>60.41%</u>
2	Alford	\$ 38,739.75	97.40%	98%	\$ 37,122.46	<u>76.98%</u>
1	Amesbury	\$ 41,297.00	94.23%	107%	\$ 41,501.01	<u>86.06%</u>
3	Amherst	\$ 19,921.43	94.43%	104%	\$ 19,530.14	<u>40.50%</u>
	Andover	\$ 87,339.37	94.21%	110%	\$ 90,633.75	<u>187.94%</u>
	Aquinnah	\$ 45,256.25	93.17%	141%	\$ 59,519.90	<u>123.42%</u>
	Arlington	\$ 65,778.33	94.43%	108%	\$ 67,137.43	<u>139.22%</u>
2	Ashburnham	\$ 36,488.34	94.29%	104%	\$ 35,729.60	<u>74.09%</u>
2	Ashby	\$ 33,069.90	95.32%	104%	\$ 32,743.18	<u>67.90%</u>
3	Ashfield	\$ 27,622.02	95.74%	98%	\$ 25,805.02	<u>53.51%</u>
	Ashland	\$ 54,874.15	94.54%	113%	\$ 58,875.53	<u>122.08%</u>
3	Athol	\$ 21,544.83	93.06%	103%	\$ 20,673.51	<u>42.87%</u>
2	Attleboro	\$ 34,233.04	93.41%	107%	\$ 34,079.95	<u>70.67%</u>
2	Auburn	\$ 35,763.57	94.35%	104%	\$ 35,204.11	<u>73.00%</u>
1	Avon	\$ 38,140.69	92.41%	110%	\$ 38,652.77	<u>80.15%</u>
1	Ayer	\$ 36,672.89	94.08%	114%	\$ 39,388.37	<u>81.68%</u>
1	Barnstable	\$ 42,925.60	93.08%	108%	\$ 43,248.19	<u>89.68%</u>
3	Barre	\$ 27,000.18	94.45%	102%	\$ 26,124.27	<u>54.17%</u>
2	Becket	\$ 31,375.87	92.11%	109%	\$ 31,367.98	<u>65.04%</u>
	Bedford	\$ 77,640.66	94.20%	108%	\$ 78,977.17	<u>163.77%</u>
2	Belchertown	\$ 37,377.00	94.00%	105%	\$ 36,816.05	<u>76.34%</u>
2	Bellingham	\$ 36,840.24	94.23%	104%	\$ 36,016.17	<u>74.68%</u>
	Belmont	\$ 98,942.33	94.29%	110%	\$ 102,971.54	<u>213.52%</u>
1	Berkley	\$ 39,460.66	94.19%	106%	\$ 39,216.53	<u>81.32%</u>
	Berlin	\$ 52,418.52	94.65%	110%	\$ 54,667.10	<u>113.36%</u>
2	Bernardston	\$ 31,439.23	95.03%	99%	\$ 29,496.35	<u>61.16%</u>
	Beverly	\$ 50,164.22	93.73%	108%	\$ 50,790.80	<u>105.32%</u>
1	Billerica	\$ 39,855.65	94.47%	105%	\$ 39,407.06	<u>81.71%</u>
2	Blackstone	\$ 32,963.72	94.28%	102%	\$ 31,704.24	<u>65.74%</u>
2	Blandford	\$ 31,952.08	94.58%	99%	\$ 29,777.78	<u>61.75%</u>
	Bolton	\$ 82,548.47	94.84%	116%	\$ 90,564.80	<u>187.80%</u>
	Boston	\$ 53,562.33	92.28%	109%	\$ 54,074.83	<u>112.13%</u>
2	Bourne	\$ 39,386.35	93.31%	104%	\$ 38,049.08	<u>78.90%</u>
	Boxborough	\$ 61,952.01	95.41%	110%	\$ 65,139.74	<u>135.07%</u>
	Boxford	\$ 101,338.57	94.38%	103%	\$ 98,502.81	<u>204.26%</u>

	Boylston	\$ 66,047.11	94.01%	111%	\$ 69,134.20	<u>143.36%</u>
1	Braintree	\$ 46,267.81	93.45%	110%	\$ 47,348.54	<u>98.18%</u>
1	Brewster	\$ 39,210.74	94.21%	105%	\$ 38,815.73	<u>80.49%</u>
2	Bridgewater	\$ 35,348.06	94.02%	108%	\$ 35,823.96	<u>74.28%</u>
1	Brimfield	\$ 39,580.71	95.38%	102%	\$ 38,641.95	<u>80.13%</u>
3	Brockton	\$ 22,876.39	89.48%	113%	\$ 23,051.09	<u>47.80%</u>
3	Brookfield	\$ 28,790.56	94.32%	101%	\$ 27,546.33	<u>57.12%</u>
	Brookline	\$ 95,466.42	94.52%	108%	\$ 97,087.59	<u>201.32%</u>
3	Buckland	\$ 23,203.89	97.17%	95%	\$ 21,527.23	<u>44.64%</u>
	Burlington	\$ 48,303.70	94.44%	108%	\$ 49,114.42	<u>101.84%</u>
	Cambridge	\$ 68,001.13	95.23%	113%	\$ 72,910.17	<u>151.19%</u>
	Canton	\$ 61,996.89	93.37%	113%	\$ 65,427.83	<u>135.67%</u>
	Carlisle	\$ 155,314.36	93.88%	108%	\$ 157,374.78	<u>326.33%</u>
2	Carver	\$ 32,568.71	94.08%	101%	\$ 31,002.84	<u>64.29%</u>
3	Charlemont	\$ 22,473.64	93.56%	94%	\$ 19,681.80	<u>40.81%</u>
2	Charlton	\$ 38,984.54	95.18%	103%	\$ 38,060.93	<u>78.92%</u>
	Chatham	\$ 79,459.21	93.60%	108%	\$ 80,065.51	<u>166.02%</u>
	Chelmsford	\$ 56,597.69	94.32%	108%	\$ 57,474.83	<u>119.18%</u>
3	Chelsea	\$ 20,706.55	91.03%	116%	\$ 21,855.27	<u>45.32%</u>
2	Cheshire	\$ 31,416.11	94.19%	101%	\$ 29,800.38	<u>61.79%</u>
3	Chester	\$ 23,972.24	94.33%	92%	\$ 20,770.41	<u>43.07%</u>
3	Chesterfield	\$ 22,243.39	95.00%	97%	\$ 20,508.70	<u>42.53%</u>
3	Chicopee	\$ 21,803.09	92.06%	100%	\$ 20,167.68	<u>41.82%</u>
	Chilmark	\$ 75,880.69	95.82%	140%	\$ 101,763.28	<u>211.02%</u>
3	Clarksburg	\$ 25,626.37	93.93%	97%	\$ 23,435.01	<u>48.59%</u>
2	Clinton	\$ 32,620.00	93.54%	113%	\$ 34,599.81	<u>71.75%</u>
	Cohasset	\$ 128,353.07	94.35%	111%	\$ 134,569.75	<u>279.04%</u>
2	Colrain	\$ 33,015.65	94.77%	96%	\$ 30,071.59	<u>62.36%</u>
	Concord	\$ 154,426.05	92.51%	105%	\$ 149,520.94	<u>310.05%</u>
2	Conway	\$ 37,266.42	95.77%	93%	\$ 33,132.96	<u>68.70%</u>
3	Cummington	\$ 31,606.41	93.69%	95%	\$ 28,152.93	<u>58.38%</u>
2	Dalton	\$ 35,453.79	94.09%	94%	\$ 31,255.78	<u>64.81%</u>
	Danvers	\$ 51,852.55	93.54%	106%	\$ 51,418.79	<u>106.62%</u>
2	Dartmouth	\$ 37,127.44	94.56%	99%	\$ 34,849.46	<u>72.26%</u>
	Dedham	\$ 60,764.74	93.05%	103%	\$ 57,991.36	<u>120.25%</u>
1	Deerfield	\$ 43,188.54	94.74%	99%	\$ 40,639.18	<u>84.27%</u>
2	Dennis	\$ 38,727.34	92.93%	103%	\$ 37,172.05	<u>77.08%</u>
1	Dighton	\$ 36,288.31	93.39%	114%	\$ 38,745.55	<u>80.34%</u>
2	Douglas	\$ 38,214.10	95.11%	106%	\$ 38,543.39	<u>79.92%</u>
	Dover	\$ 240,778.36	93.14%	106%	\$ 237,658.56	<u>492.81%</u>
2	Dracut	\$ 36,546.31	93.50%	111%	\$ 37,837.25	<u>78.46%</u>
3	Dudley	\$ 29,141.85	93.86%	105%	\$ 28,626.76	<u>59.36%</u>
	Dunstable	\$ 61,274.17	95.47%	106%	\$ 61,791.73	<u>128.13%</u>
	Duxbury	\$ 88,032.60	92.56%	107%	\$ 87,065.87	<u>180.54%</u>
2	East Bridgewater	\$ 36,855.50	93.99%	105%	\$ 36,262.81	<u>75.19%</u>
2	East Brookfield	\$ 33,798.64	95.02%	102%	\$ 32,717.58	<u>67.84%</u>
1	East Longmeadow	\$ 43,755.19	94.57%	105%	\$ 43,249.69	<u>89.68%</u>
1	Eastham	\$ 38,632.90	94.03%	116%	\$ 42,160.41	<u>87.42%</u>
2	Easthampton	\$ 31,497.88	93.85%	101%	\$ 29,851.67	<u>61.90%</u>

	Easton	\$ 52,550.97	94.22%	108%	\$ 53,679.84	<u>111.31%</u>
	Edgartown	\$ 66,700.09	93.53%	127%	\$ 79,271.92	<u>164.38%</u>
2	Egremont	\$ 31,765.98	96.28%	112%	\$ 34,254.54	<u>71.03%</u>
3	Erving	\$ 23,256.00	94.64%	93%	\$ 20,359.38	<u>42.22%</u>
	Essex	\$ 70,423.80	95.01%	105%	\$ 70,177.77	<u>145.52%</u>
3	Everett	\$ 22,568.00	91.95%	118%	\$ 24,441.50	<u>50.68%</u>
2	Fairhaven	\$ 31,353.15	94.01%	100%	\$ 29,569.68	<u>61.32%</u>
3	Fall River	\$ 18,948.14	91.44%	106%	\$ 18,328.76	<u>38.01%</u>
1	Falmouth	\$ 47,421.48	92.46%	103%	\$ 45,217.41	<u>93.76%</u>
3	Fitchburg	\$ 21,452.06	90.38%	104%	\$ 20,172.22	<u>41.83%</u>
3	Florida	\$ 19,732.87	95.26%	92%	\$ 17,348.06	<u>35.97%</u>
	Foxborough	\$ 53,381.65	93.73%	110%	\$ 55,235.46	<u>114.54%</u>
2	Frammingham	\$ 36,678.00	94.31%	106%	\$ 36,637.89	<u>75.97%</u>
	Franklin	\$ 51,461.26	93.68%	105%	\$ 50,685.33	<u>105.10%</u>
2	Freetown	\$ 37,193.31	94.09%	104%	\$ 36,319.69	<u>75.31%</u>
3	Gardner	\$ 22,360.34	92.32%	105%	\$ 21,724.15	<u>45.05%</u>
	Georgetown	\$ 52,365.31	94.54%	104%	\$ 51,241.09	<u>106.25%</u>
3	Gill	\$ 26,501.71	96.81%	103%	\$ 26,527.57	<u>55.01%</u>
2	Gloucester	\$ 39,872.40	93.50%	103%	\$ 38,498.75	<u>79.83%</u>
3	Goshen	\$ 13,830.97	96.26%	91%	\$ 12,126.35	<u>25.15%</u>
3	Gosnold	\$ 25,333.33	100.00%	93%	\$ 23,644.44	<u>49.03%</u>
	Grafton	\$ 50,924.75	93.37%	111%	\$ 52,633.72	<u>109.14%</u>
2	Granby	\$ 34,242.09	94.15%	98%	\$ 31,566.38	<u>65.46%</u>
2	Granville	\$ 33,936.06	94.15%	98%	\$ 31,380.21	<u>65.07%</u>
1	Great Barrington	\$ 44,392.22	93.53%	101%	\$ 41,916.12	<u>86.92%</u>
3	Greenfield	\$ 23,415.98	93.94%	102%	\$ 22,390.76	<u>46.43%</u>
	Groton	\$ 70,927.95	94.86%	106%	\$ 71,510.70	<u>148.28%</u>
1	Groveland	\$ 42,413.20	94.39%	105%	\$ 41,849.70	<u>86.78%</u>
2	Hadley	\$ 36,660.99	93.55%	101%	\$ 34,785.70	<u>72.13%</u>
2	Halifax	\$ 35,308.89	93.47%	103%	\$ 34,016.75	<u>70.54%</u>
	Hamilton	\$ 77,045.71	94.45%	97%	\$ 70,863.85	<u>146.94%</u>
2	Hampden	\$ 40,946.11	95.48%	97%	\$ 37,777.43	<u>78.34%</u>
3	Hancock	\$ 14,245.69	97.26%	106%	\$ 14,628.36	<u>30.33%</u>
	Hanover	\$ 58,467.40	94.04%	107%	\$ 58,763.15	<u>121.85%</u>
2	Hanson	\$ 38,037.66	94.18%	104%	\$ 37,331.67	<u>77.41%</u>
3	Hardwick	\$ 21,140.33	95.42%	89%	\$ 17,992.06	<u>37.31%</u>
	Harvard	\$ 70,910.73	95.16%	105%	\$ 70,904.83	<u>147.03%</u>
1	Harwich	\$ 41,451.08	92.66%	110%	\$ 42,161.99	<u>87.43%</u>
2	Hatfield	\$ 40,016.30	94.09%	102%	\$ 38,488.07	<u>79.81%</u>
2	Haverhill	\$ 31,362.51	92.24%	111%	\$ 32,212.26	<u>66.80%</u>
3	Hawley	\$ 24,736.53	96.59%	105%	\$ 25,026.20	<u>51.89%</u>
3	Heath	\$ 13,500.72	95.54%	102%	\$ 13,209.62	<u>27.39%</u>
	Hingham	\$ 121,097.69	93.26%	110%	\$ 123,781.44	<u>256.67%</u>
2	Hinsdale	\$ 35,431.19	92.98%	94%	\$ 31,110.30	<u>64.51%</u>
2	Holbrook	\$ 32,628.57	92.54%	106%	\$ 31,913.40	<u>66.18%</u>
	Holden	\$ 46,270.32	94.33%	115%	\$ 50,086.07	<u>103.86%</u>
2	Holland	\$ 36,145.04	95.05%	105%	\$ 36,045.81	<u>74.74%</u>
	Holliston	\$ 60,935.29	93.98%	111%	\$ 63,391.73	<u>131.45%</u>
3	Holyoke	\$ 18,353.29	89.93%	96%	\$ 15,826.25	<u>32.82%</u>

1	Hopedale	\$ 44,179.80	92.94%	102%	\$ 41,796.70	<u>86.67%</u>
	Hopkinton	\$ 85,045.48	94.29%	126%	\$ 100,785.08	<u>208.99%</u>
2	Hubbardston	\$ 35,038.93	95.79%	99%	\$ 33,150.57	<u>68.74%</u>
1	Hudson	\$ 41,179.82	94.20%	105%	\$ 40,884.49	<u>84.78%</u>
1	Hull	\$ 43,922.48	93.48%	98%	\$ 40,175.62	<u>83.31%</u>
2	Huntington	\$ 31,871.37	94.63%	96%	\$ 28,971.09	<u>60.07%</u>
	Ipswich	\$ 59,942.59	94.22%	105%	\$ 59,091.76	<u>122.53%</u>
1	Kingston	\$ 44,096.08	93.72%	109%	\$ 44,857.85	<u>93.02%</u>
1	Lakeville	\$ 42,546.23	94.39%	109%	\$ 43,650.19	<u>90.51%</u>
1	Lancaster	\$ 44,074.73	94.69%	105%	\$ 43,733.59	<u>90.69%</u>
3	Lanesborough	\$ 28,927.55	95.24%	98%	\$ 27,077.66	<u>56.15%</u>
3	Lawrence	\$ 17,984.09	85.98%	117%	\$ 18,047.48	<u>37.42%</u>
2	Lee	\$ 33,198.27	93.56%	97%	\$ 30,251.52	<u>62.73%</u>
2	Leicester	\$ 31,458.43	94.18%	101%	\$ 29,943.60	<u>62.09%</u>
	Lenox	\$ 54,283.17	91.63%	101%	\$ 50,432.27	<u>104.58%</u>
2	Leominster	\$ 30,446.66	92.25%	107%	\$ 30,169.46	<u>62.56%</u>
1	Leverett	\$ 47,495.37	94.61%	101%	\$ 45,276.43	<u>93.89%</u>
	Lexington	\$ 196,680.37	92.97%	110%	\$ 200,686.67	<u>416.14%</u>
1	Leyden	\$ 41,567.83	96.79%	103%	\$ 41,537.10	<u>86.13%</u>
	Lincoln	\$ 155,262.20	94.25%	110%	\$ 161,330.90	<u>334.54%</u>
	Littleton	\$ 54,236.92	94.30%	114%	\$ 58,119.18	<u>120.52%</u>
	Longmeadow	\$ 77,765.23	94.76%	100%	\$ 74,009.78	<u>153.47%</u>
3	Lowell	\$ 23,331.09	92.02%	108%	\$ 23,289.48	<u>48.29%</u>
3	Ludlow	\$ 30,357.23	93.81%	100%	\$ 28,342.04	<u>58.77%</u>
1	Lunenburg	\$ 39,032.98	94.14%	117%	\$ 42,926.13	<u>89.01%</u>
3	Lynn	\$ 23,098.98	90.39%	112%	\$ 23,403.29	<u>48.53%</u>
	Lynnfield	\$ 84,195.32	93.87%	112%	\$ 88,607.44	<u>183.74%</u>
2	Malden	\$ 30,767.45	92.07%	111%	\$ 31,573.22	<u>65.47%</u>
	Manchester-by-the-Sea	\$ 149,728.38	94.25%	105%	\$ 148,241.26	<u>307.39%</u>
1	Mansfield	\$ 49,268.17	93.74%	103%	\$ 47,528.31	<u>98.55%</u>
	Marblehead	\$ 94,921.04	92.20%	103%	\$ 90,310.16	<u>187.27%</u>
	Marion	\$ 65,256.55	93.06%	109%	\$ 66,169.91	<u>137.21%</u>
1	Marlborough	\$ 38,618.63	94.11%	109%	\$ 39,452.70	<u>81.81%</u>
	Marshfield	\$ 51,394.35	94.10%	103%	\$ 49,697.67	<u>103.05%</u>
1	Mashpee	\$ 42,586.34	93.00%	108%	\$ 42,584.24	<u>88.30%</u>
	Mattapoissett	\$ 62,046.71	93.73%	108%	\$ 62,608.19	<u>129.82%</u>
1	Maynard	\$ 40,982.27	94.24%	106%	\$ 41,067.21	<u>85.16%</u>
	Medfield	\$ 99,241.76	92.44%	106%	\$ 97,654.04	<u>202.50%</u>
1	Medford	\$ 42,894.58	93.87%	106%	\$ 42,764.39	<u>88.68%</u>
	Medway	\$ 55,691.30	94.24%	103%	\$ 53,979.20	<u>111.93%</u>
	Melrose	\$ 56,441.78	93.77%	111%	\$ 58,484.62	<u>121.27%</u>
	Mendon	\$ 57,369.28	92.16%	107%	\$ 56,394.15	<u>116.94%</u>
1	Merrimac	\$ 39,809.77	94.66%	106%	\$ 39,973.80	<u>82.89%</u>
2	Methuen	\$ 32,435.67	92.06%	112%	\$ 33,526.97	<u>69.52%</u>
2	Middleborough	\$ 29,971.10	93.71%	105%	\$ 29,457.28	<u>61.08%</u>
3	Middlefield	\$ 17,256.55	96.82%	74%	\$ 12,345.85	<u>25.60%</u>
	Middleton	\$ 55,532.84	93.28%	109%	\$ 56,368.88	<u>116.89%</u>
2	Milford	\$ 34,602.21	94.10%	109%	\$ 35,328.18	<u>73.26%</u>
2	Millbury	\$ 35,503.62	94.46%	104%	\$ 34,977.10	<u>72.53%</u>

1	Millis	\$ 46,450.90	93.71%	107%	\$ 46,666.64	<u>96.77%</u>
2	Millville	\$ 32,127.72	94.52%	99%	\$ 30,213.75	<u>62.65%</u>
	Milton	\$ 75,560.00	92.98%	106%	\$ 74,486.17	<u>154.45%</u>
3	Monroe	\$ 11,139.13	97.01%	98%	\$ 10,538.69	<u>21.85%</u>
3	Monson	\$ 31,636.17	94.69%	95%	\$ 28,521.89	<u>59.14%</u>
3	Montague	\$ 24,895.15	92.31%	102%	\$ 23,371.46	<u>48.46%</u>
2	Monterey	\$ 30,935.06	95.96%	114%	\$ 33,825.25	<u>70.14%</u>
2	Montgomery	\$ 39,336.03	96.07%	98%	\$ 36,931.86	<u>76.58%</u>
3	Mount Washington	\$ 27,796.18	97.53%	96%	\$ 25,973.51	<u>53.86%</u>
	Nahant	\$ 77,150.87	93.45%	98%	\$ 70,492.65	<u>146.17%</u>
	Nantucket	\$ 70,196.95	94.70%	140%	\$ 93,156.04	<u>193.17%</u>
	Natick	\$ 64,848.57	94.68%	112%	\$ 68,836.44	<u>142.74%</u>
	Needham	\$ 123,020.84	93.18%	111%	\$ 127,349.42	<u>264.07%</u>
2	New Ashford	\$ 30,825.11	95.28%	110%	\$ 32,202.64	<u>66.78%</u>
3	New Bedford	\$ 19,207.68	90.89%	106%	\$ 18,561.05	<u>38.49%</u>
2	New Braintree	\$ 40,192.38	94.52%	100%	\$ 37,874.94	<u>78.54%</u>
2	New Marlborough	\$ 37,459.53	96.78%	101%	\$ 36,710.75	<u>76.12%</u>
3	New Salem	\$ 25,557.30	95.94%	99%	\$ 24,346.07	<u>50.48%</u>
	Newbury	\$ 73,077.08	93.78%	101%	\$ 69,044.99	<u>143.17%</u>
	Newburyport	\$ 70,373.34	93.88%	105%	\$ 69,377.61	<u>143.86%</u>
	Newton	\$ 149,667.38	93.85%	104%	\$ 146,700.07	<u>304.20%</u>
	Norfolk	\$ 58,124.22	94.26%	104%	\$ 56,909.26	<u>118.01%</u>
3	North Adams	\$ 17,907.46	91.84%	95%	\$ 15,550.50	<u>32.25%</u>
	North Andover	\$ 60,206.59	94.03%	109%	\$ 61,730.61	<u>128.00%</u>
1	North Attleborough	\$ 42,323.22	93.87%	107%	\$ 42,665.78	<u>88.47%</u>
3	North Brookfield	\$ 27,783.60	94.83%	101%	\$ 26,655.77	<u>55.27%</u>
	North Reading	\$ 64,186.64	93.99%	104%	\$ 63,012.34	<u>130.66%</u>
2	Northampton	\$ 39,190.71	93.94%	104%	\$ 38,133.13	<u>79.07%</u>
	Northborough	\$ 73,986.76	93.97%	111%	\$ 77,312.55	<u>160.32%</u>
2	Northbridge	\$ 36,174.65	93.69%	104%	\$ 35,248.05	<u>73.09%</u>
3	Northfield	\$ 31,003.72	95.14%	95%	\$ 27,882.50	<u>57.82%</u>
2	Norton	\$ 38,688.29	93.31%	101%	\$ 36,423.34	<u>75.53%</u>
	Norwell	\$ 100,540.03	93.51%	108%	\$ 101,579.76	<u>210.64%</u>
1	Norwood	\$ 44,476.67	93.02%	111%	\$ 45,723.95	<u>94.81%</u>
2	Oak Bluffs	\$ 29,348.19	95.68%	118%	\$ 33,127.98	<u>68.69%</u>
2	Oakham	\$ 34,393.97	94.78%	97%	\$ 31,724.84	<u>65.78%</u>
3	Orange	\$ 21,446.98	92.80%	97%	\$ 19,218.18	<u>39.85%</u>
	Orleans	\$ 56,544.75	94.21%	107%	\$ 57,042.59	<u>118.28%</u>
2	Otis	\$ 35,152.70	94.29%	101%	\$ 33,597.66	<u>69.67%</u>
3	Oxford	\$ 31,312.66	94.26%	97%	\$ 28,736.87	<u>59.59%</u>
3	Palmer	\$ 29,236.43	93.10%	103%	\$ 27,908.63	<u>57.87%</u>
1	Paxton	\$ 42,710.05	94.22%	104%	\$ 41,900.88	<u>86.89%</u>
2	Peabody	\$ 34,926.27	93.03%	106%	\$ 34,540.31	<u>71.62%</u>
2	Pelham	\$ 38,728.10	93.78%	97%	\$ 35,190.90	<u>72.97%</u>
1	Pembroke	\$ 43,860.72	93.67%	103%	\$ 42,290.78	<u>87.69%</u>
2	Pepperell	\$ 39,032.85	95.17%	101%	\$ 37,494.28	<u>77.75%</u>
3	Peru	\$ 20,437.65	96.07%	96%	\$ 18,869.45	<u>39.13%</u>
2	Petersham	\$ 34,487.20	93.63%	97%	\$ 31,243.55	<u>64.79%</u>
2	Phillipston	\$ 30,481.10	95.34%	103%	\$ 29,819.71	<u>61.83%</u>

3	Pittsfield	\$ 28,672.04	91.62%	98%	\$ 25,793.30	<u>53.48%</u>
3	Plainfield	\$ 25,948.56	94.68%	98%	\$ 23,998.85	<u>49.76%</u>
	Plainville	\$ 44,489.40	93.78%	120%	\$ 50,211.60	<u>104.12%</u>
1	Plymouth	\$ 38,939.83	93.66%	108%	\$ 39,536.35	<u>81.98%</u>
1	Plympton	\$ 41,004.35	94.57%	104%	\$ 40,290.73	<u>83.55%</u>
	Princeton	\$ 57,789.56	94.80%	102%	\$ 56,102.61	<u>116.33%</u>
	Provincetown	\$ 61,308.34	93.65%	125%	\$ 71,504.87	<u>148.27%</u>
1	Quincy	\$ 38,359.01	92.63%	110%	\$ 39,136.98	<u>81.15%</u>
3	Randolph	\$ 29,081.49	90.47%	109%	\$ 28,664.32	<u>59.44%</u>
1	Raynham	\$ 42,085.28	93.12%	113%	\$ 44,342.03	<u>91.95%</u>
	Reading	\$ 66,250.35	93.69%	103%	\$ 64,007.01	<u>132.72%</u>
	Rehoboth	\$ 50,494.15	95.33%	108%	\$ 51,844.65	<u>107.51%</u>
2	Revere	\$ 27,286.19	90.65%	120%	\$ 29,720.51	<u>61.63%</u>
1	Richmond	\$ 50,242.94	96.96%	95%	\$ 46,470.13	<u>96.36%</u>
1	Rochester	\$ 44,102.16	94.63%	109%	\$ 45,603.59	<u>94.56%</u>
2	Rockland	\$ 32,368.06	93.40%	102%	\$ 30,773.41	<u>63.81%</u>
1	Rockport	\$ 49,719.86	93.31%	101%	\$ 46,661.77	<u>96.76%</u>
3	Rowe	\$ 29,298.20	91.41%	108%	\$ 28,894.35	<u>59.92%</u>
1	Rowley	\$ 48,107.06	94.45%	105%	\$ 47,805.85	<u>99.13%</u>
3	Royalston	\$ 25,062.65	95.34%	99%	\$ 23,741.60	<u>49.23%</u>
3	Russell	\$ 25,574.22	95.19%	93%	\$ 22,533.31	<u>46.73%</u>
1	Rutland	\$ 37,548.00	94.38%	113%	\$ 40,219.45	<u>83.40%</u>
2	Salem	\$ 33,516.68	92.61%	108%	\$ 33,396.01	<u>69.25%</u>
2	Salisbury	\$ 31,292.43	94.07%	112%	\$ 32,822.59	<u>68.06%</u>
3	Sandisfield	\$ 22,113.36	94.96%	108%	\$ 22,696.19	<u>47.06%</u>
1	Sandwich	\$ 44,941.10	93.82%	98%	\$ 41,314.34	<u>85.67%</u>
2	Saugus	\$ 36,470.26	92.50%	107%	\$ 36,257.76	<u>75.18%</u>
3	Savoy	\$ 29,090.37	91.37%	93%	\$ 24,775.86	<u>51.38%</u>
	Scituate	\$ 70,405.62	93.40%	105%	\$ 69,127.85	<u>143.34%</u>
1	Seekonk	\$ 39,248.57	94.90%	113%	\$ 42,156.38	<u>87.42%</u>
	Sharon	\$ 67,810.85	94.63%	105%	\$ 67,677.10	<u>140.34%</u>
2	Sheffield	\$ 37,741.45	95.62%	102%	\$ 36,862.44	<u>76.44%</u>
3	Shelburne	\$ 23,193.61	93.97%	100%	\$ 21,691.08	<u>44.98%</u>
	Sherborn	\$ 212,855.59	94.53%	107%	\$ 214,987.67	<u>445.80%</u>
3	Shirley	\$ 29,257.60	93.98%	103%	\$ 28,334.69	<u>58.75%</u>
	Shrewsbury	\$ 60,082.49	93.69%	108%	\$ 60,587.99	<u>125.64%</u>
3	Shutesbury	\$ 28,682.44	94.22%	97%	\$ 26,201.55	<u>54.33%</u>
2	Somerset	\$ 32,878.04	94.18%	101%	\$ 31,198.85	<u>64.69%</u>
1	Somerville	\$ 47,230.21	94.93%	107%	\$ 47,967.23	<u>99.46%</u>
2	South Hadley	\$ 33,087.15	94.12%	104%	\$ 32,272.78	<u>66.92%</u>
1	Southampton	\$ 41,806.35	94.71%	107%	\$ 42,547.02	<u>88.23%</u>
	Southborough	\$ 123,270.38	92.87%	107%	\$ 122,485.62	<u>253.99%</u>
3	Southbridge	\$ 21,877.77	90.88%	106%	\$ 21,095.86	<u>43.74%</u>
2	Southwick	\$ 37,604.00	95.03%	97%	\$ 34,719.15	<u>71.99%</u>
3	Spencer	\$ 28,925.76	93.32%	103%	\$ 27,694.61	<u>57.43%</u>
3	Springfield	\$ 16,405.68	88.13%	102%	\$ 14,728.65	<u>30.54%</u>
1	Sterling	\$ 48,045.14	94.42%	102%	\$ 46,393.90	<u>96.20%</u>
1	Stockbridge	\$ 42,258.73	94.21%	104%	\$ 41,262.72	<u>85.56%</u>
1	Stoneham	\$ 44,657.67	93.72%	108%	\$ 45,381.03	<u>94.10%</u>

2	Stoughton	\$ 34,656.10	93.01%	109%	\$ 35,007.91	<u>72.59%</u>
	Stow	\$ 71,446.23	93.98%	109%	\$ 73,096.76	<u>151.57%</u>
	Sturbridge	\$ 49,009.59	94.07%	106%	\$ 49,084.23	<u>101.78%</u>
	Sudbury	\$ 120,475.91	93.37%	107%	\$ 120,609.45	<u>250.10%</u>
2	Sunderland	\$ 30,914.85	94.89%	99%	\$ 29,166.91	<u>60.48%</u>
	Sutton	\$ 56,186.29	94.72%	104%	\$ 55,558.04	<u>115.21%</u>
	Swampscott	\$ 71,258.40	93.15%	110%	\$ 72,752.23	<u>150.86%</u>
2	Swansea	\$ 34,864.86	94.86%	108%	\$ 35,739.85	<u>74.11%</u>
3	Taunton	\$ 27,148.13	91.71%	106%	\$ 26,471.94	<u>54.89%</u>
3	Templeton	\$ 27,596.58	94.00%	102%	\$ 26,380.53	<u>54.70%</u>
1	Tewksbury	\$ 43,047.89	93.86%	108%	\$ 43,725.26	<u>90.67%</u>
3	Tisbury	\$ 24,564.13	92.16%	122%	\$ 27,603.47	<u>57.24%</u>
3	Tolland	\$ 26,269.69	97.07%	97%	\$ 24,763.80	<u>51.35%</u>
	Topsfield	\$ 81,042.61	94.21%	108%	\$ 82,418.77	<u>170.90%</u>
2	Townsend	\$ 34,991.58	94.34%	102%	\$ 33,754.54	<u>69.99%</u>
	Truro	\$ 49,681.27	94.03%	123%	\$ 57,235.38	<u>118.68%</u>
1	Tyngsborough	\$ 43,783.91	94.12%	110%	\$ 45,178.87	<u>93.68%</u>
2	Tyringham	\$ 27,051.28	96.64%	131%	\$ 34,138.48	<u>70.79%</u>
	Upton	\$ 55,126.47	94.72%	106%	\$ 55,384.30	<u>114.84%</u>
2	Uxbridge	\$ 37,988.80	94.43%	105%	\$ 37,753.74	<u>78.29%</u>
	Wakefield	\$ 51,145.05	93.97%	109%	\$ 52,219.73	<u>108.28%</u>
3	Wales	\$ 23,995.20	93.83%	100%	\$ 22,441.15	<u>46.53%</u>
	Walpole	\$ 59,098.77	93.65%	110%	\$ 60,666.17	<u>125.80%</u>
1	Waltham	\$ 41,058.47	94.48%	108%	\$ 41,727.21	<u>86.53%</u>
3	Ware	\$ 24,565.75	92.94%	102%	\$ 23,279.07	<u>48.27%</u>
3	Wareham	\$ 27,316.51	92.63%	107%	\$ 27,020.39	<u>56.03%</u>
3	Warren	\$ 20,314.82	94.73%	97%	\$ 18,645.52	<u>38.66%</u>
3	Warwick	\$ 23,875.16	96.44%	100%	\$ 23,024.17	<u>47.74%</u>
3	Washington	\$ 30,824.40	95.56%	92%	\$ 27,047.66	<u>56.09%</u>
	Watertown	\$ 48,632.32	94.16%	111%	\$ 50,691.28	<u>105.11%</u>
	Wayland	\$ 150,252.62	93.12%	107%	\$ 150,127.73	<u>311.30%</u>
3	Webster	\$ 28,697.39	91.65%	106%	\$ 27,884.88	<u>57.82%</u>
	Wellesley	\$ 220,432.23	93.72%	106%	\$ 218,162.77	<u>452.38%</u>
	Wellfleet	\$ 49,927.68	94.01%	130%	\$ 60,865.78	<u>126.21%</u>
3	Wendell	\$ 20,888.38	94.99%	109%	\$ 21,619.84	<u>44.83%</u>
	Wenham	\$ 76,926.68	95.36%	102%	\$ 74,920.42	<u>155.35%</u>
2	West Boylston	\$ 36,685.77	94.28%	103%	\$ 35,525.20	<u>73.67%</u>
1	West Bridgewater	\$ 39,981.60	94.01%	111%	\$ 41,883.94	<u>86.85%</u>
1	West Brookfield	\$ 40,689.03	93.94%	104%	\$ 39,585.04	<u>82.08%</u>
	West Newbury	\$ 70,872.30	94.46%	106%	\$ 71,135.70	<u>147.51%</u>
3	West Springfield	\$ 28,481.40	92.75%	102%	\$ 26,828.79	<u>55.63%</u>
1	West Stockbridge	\$ 46,190.93	94.84%	103%	\$ 45,049.18	<u>93.41%</u>
	West Tisbury	\$ 41,970.04	96.81%	130%	\$ 52,715.16	<u>109.31%</u>
	Westborough	\$ 64,294.87	94.89%	118%	\$ 72,013.79	<u>149.33%</u>
3	Westfield	\$ 28,510.61	93.86%	99%	\$ 26,590.08	<u>55.14%</u>
	Westford	\$ 63,199.50	94.42%	112%	\$ 66,991.97	<u>138.91%</u>
1	Westhampton	\$ 46,549.18	94.78%	101%	\$ 44,533.17	<u>92.34%</u>
1	Westminster	\$ 39,876.95	94.50%	113%	\$ 42,529.81	<u>88.19%</u>
	Weston	\$ 354,387.50	92.76%	105%	\$ 345,940.29	<u>717.34%</u>

1	Westport	\$ 45,791.88	93.55%	105%	\$ 45,063.29	<u>93.44%</u>
	Westwood	\$ 117,976.71	93.63%	111%	\$ 122,918.97	<u>254.88%</u>
2	Weymouth	\$ 37,358.10	93.21%	107%	\$ 37,212.96	<u>77.16%</u>
3	Whately	\$ 25,034.46	97.14%	107%	\$ 26,122.84	<u>54.17%</u>
2	Whitman	\$ 33,138.93	93.91%	104%	\$ 32,478.33	<u>67.35%</u>
	Wilbraham	\$ 50,470.96	94.32%	103%	\$ 48,923.08	<u>101.45%</u>
3	Williamsburg	\$ 29,258.32	92.84%	101%	\$ 27,404.72	<u>56.83%</u>
2	Williamstown	\$ 39,110.84	94.95%	97%	\$ 35,981.80	<u>74.61%</u>
	Wilmington	\$ 53,878.91	93.93%	105%	\$ 52,927.46	<u>109.75%</u>
3	Winchendon	\$ 23,172.76	93.70%	101%	\$ 21,847.98	<u>45.30%</u>
	Winchester	\$ 127,272.16	92.92%	107%	\$ 127,096.90	<u>263.55%</u>
3	Windsor	\$ 28,301.39	94.49%	92%	\$ 24,719.63	<u>51.26%</u>
1	Winthrop	\$ 37,900.67	92.96%	110%	\$ 38,896.55	<u>80.66%</u>
1	Woburn	\$ 43,351.30	94.00%	107%	\$ 43,695.23	<u>90.61%</u>
3	Worcester	\$ 23,986.57	91.61%	114%	\$ 25,066.71	<u>51.98%</u>
2	Worthington	\$ 29,980.43	95.68%	103%	\$ 29,603.09	<u>61.38%</u>
	Wrentham	\$ 55,846.79	94.40%	111%	\$ 58,606.01	<u>121.53%</u>
2	Yarmouth	\$ 35,634.83	92.74%	105%	\$ 34,754.88	<u>72.07%</u>

PFAS Task List

- 1) Media Study--- Ongoing Finish April 2022
- 2) Land Survey--- Pending Contract for Tighe and Bond Harbor Trace Land, Ash- South - South Harbor waterline, and Main St March April 2022
- 3) EPA-Umass testing Harbor Trace March 2022
- 4) Wetlands at Harbor Trace March 2022
- 5) Install Pumps at Main st
- 6) Building design first meeting Feb 2022
- 7) Rate Informational Meeting 1 March 2022
- 8) Union contract split from highway March April negotiate 3 year contract fix positions in Contact. 1) Accounts Manager/Water Tech 2) Distribution Foreman 3) Water Tech 4) Water Tech/ Backflow 5) Water Tech /Meter 6) Environmental Compliance/ Water Treatment 7) Office Manager/ Water Tech
- 9) Electric Building at Main St Well connect electrical April 2022
- 10) Additional Subsidies in final SRF April 2022
- 11) Town Meeting vote 7 May 2022
- 12) Test and Permit Main St put in system May 2022
- 13) No Later than 30 June 2022 communities must have appropriated the necessary local project funds or have committed to a schedule to obtain funds
- 14) Decommission main st wellfield Plant trees as per DEP permit
- 15) No Later than Completed applications must be submitted to MassDEP at the earliest possible time but not later than 14 Oct 2022
- 16) Aug 2022 Contract for 4 filter vessels 40 weeks to deliver
- 17) Sept 2022 Contract for water line Witches Brook to Harbor Trace
- 18) Oct-Dec 2022 permitting building site
- 19) Dec 2022 Reevaluate Rates
- 20) Jan 2023 Treatment Plant Contract goes out to Bid
- 21) Feb/March Treatment Plant Contract Awarded
- 22) Break Ground April May 2023
- 23) Vessels In May June 2023
- 24) June 2023 Water Tech/Backflow Hire
- 25) Last contract out of Backflows Aug 2023 roll into water department
- 26) Water Tech/ Meter Hire Oct 2023
- 27) All Training Finished May 2024 for Plant operation
- 28) Finish Project May June 2024 for summer water use Plant will operate 24 hours a day in summer 3 wells.

PFAS in Private

Wells

Using Mass DEP Private well testing, the following towns in the area have done testing for private well in their town using the free testing program, (Harvard, Stow, Boxborough, Carlisle, and Tyngsboro). Also note that Groton High School Well and several homes in that area have PFAS 60ppt plus. DEP limits are 20ppt for now but will drop in the future when the EPA publishes their limits for the Fall of 2024.

Results 62 percent have PFAS detections that is 38 percent without

40 Percent have PFAS detection above 10 ppt or above

20 Percent have PFAS detections above 20 ppt

Other Subsidy Programs Offered by the Trust

- **Asset Management Planning Grants:** The grant program provides a **60%** grant to assist communities with completing or updating asset management plans for wastewater, drinking water, stormwater utilities, or any combination of the three to ensure the operational integrity of the water utility.
- **Cape Cod & Islands Water Protection Trust Fund:** The trust fund was created to help projects on Cape Cod utilize the tourist economy to raise revenue to pay for a portion of their wastewater loan from the Trust. Currently, the fund is providing **25%** loan forgiveness for qualifying projects.
- **Housing Choice Loan Program:** Communities that have achieved the “Housing Choice” designation under the Housing Choice Initiative will be eligible for an interest rate reduction up to **.50%** from the standard below market rate of **2%** offered by the Trust.
- **0% Nutrient Enrichment Reduction Loans:** This loan program is for CWSRF loans that are primarily intended to **remediate** or prevent nutrient enrichment of a surface water body or water supply which can cause environmental degradation of the surrounding water bodies.
- **0% Interest PFAS Mitigation Loans:** Per- and polyfluoroalkyl substances (PFAS) are a family of chemicals that are classified as emerging contaminants and are known to cause health issues when found in drinking water. Projects that have the purpose of reducing PFAS in water below the established Maximum Contamination Level of **20 parts per trillion**, are eligible for **0%** interest loans.



Advantages of Borrowing Through the Trust

Fixed Low-Interest Rates

- These rates are established by law and offer a stable planning tool for communities.
- Loans with a 20-year term will have an interest rate of 2%
- Loans with a term over 20 years will generally have an interest rate of 2.4%
- Certain projects qualify for reduced or 0% interest

Interim Loans (Construction Loans)

- The Trust offers interim loans with no fees or interest. These loans allow for one-stop financing through the Trust.

Flexible Repayment Terms

- Loans can be financed up to 30 years.

Disadvantaged Communities Additional Subsidy (Loan Forgiveness)

The Trust uses a percentage of its annual grant and state funding as additional subsidy each year. This subsidy comes in the form of loan forgiveness to disadvantaged communities.

- Eligibility is determined by an annual affordability calculation – which ranks communities into affordability tiers. The amount of loan forgiveness is based on a community's affordability tier.

Disadvantaged Community Tiers	Tiers by Adjusted Per Capita Income (APCI) Range	CW Loan Forgiveness %	DW Loan Forgiveness %
Tier 1	APCI more than 80% but less than 100% of the State APCI	3.3%	6.6%
Tier 2	APCI more than 60% but less than 80% of the State APCI	6.6%	13.2%
Tier 3	APCI less than 60% of the State APCI.	9.9%	19.8%



BIL Investment in Massachusetts*

Year	CW Supplemental	CW PFAS	CW State Match	DW Supplemental	DW PFAS	DW Lead	DW State Match	Total
2022	\$60,925,000	\$3,198,000	\$6,092,500	\$41,662,000	\$17,495,733	\$65,610,000	\$4,166,200	\$199,149,433
2023	\$70,534,621	\$7,195,500	\$7,053,462	\$48,233,293	\$17,495,733	\$65,610,000	\$4,823,329	\$ 220,945,940
2024	\$76,973,068	\$7,195,500	\$15,394,614	\$52,636,060	\$17,495,733	\$65,610,000	\$10,527,212	\$245,832,187
2025	\$83,379,482	\$7,195,500	\$16,675,896	\$57,016,922	\$17,495,733	\$65,610,000	\$11,403,384	\$258,776,919
2026	\$83,379,482	\$7,195,500	\$16,675,896	\$57,016,922	\$17,495,733	\$65,610,000	\$11,403,384	\$258,776,919
Total	\$375,191,654	\$31,980,000	\$61,892,369	\$256,565,198	\$87,478,667	\$328,050,000	\$42,323,510	\$1,183,481,397

*Numbers based on preliminary figures from EPA.



The Infrastructure Investment and Jobs Act

- President Biden signed into law the **\$1.2 trillion** Infrastructure Investment and Jobs Act of 2021 (H.R. 3694) aka Bipartisan Infrastructure Law (BIL).
- Provides **\$43.426 billion** in funding for the Clean Water and Drinking Water State Revolving Funds (SRFs) over the next five years (2022 – 2026) – this funding is in addition to the annual SRF capitalization grants.
- The funding will be available to the SRFs in the following grant categories:
 - **Clean Water Grants:**
 - **Supplemental Grant-** these funds are available for all eligible projects.
 - 49% of the grant must be given away as loan forgiveness.
 - **Emerging Contaminants Grant-** these funds focus specifically on emerging contaminants such as PFAS.
 - 100% of the grant must be given away as loan forgiveness.
 - **Drinking Water Grants:**
 - **Supplemental Grant-** these funds are available for all eligible projects.
 - 49% of the grant must be given away as loan forgiveness.
 - **Emerging Contaminants Grant-** these funds focus specifically on emerging contaminants such as PFAS.
 - 100% of the grant must be given away as loan forgiveness.
 - **Lead Service Line Replacement Grant-** These funds will go towards identifying, **planning** and removing lead service lines.
 - 49% of the grant must be given away as loan forgiveness.





The Water Department is pleased to submit its annual report for the year 2021. This year we pumped a total of 199.02 (MGY) of water that supplied approximately 6,500 customers. Also, 16,500.2 gallons of Sodium Hydroxide was used to treat the water pumped from all well sites in order to maintain a neutral P.H. for the purpose of corrosion control.

Recorded Pumpage for 2021

Annual Statistical Data	Main St. Pumping Station	Cross St. Pumping Station	Harbor Trace Pumping Station	Witch's Brook Well # 1	Witch's Brook Well # 2	Source Totals
Total Days Pumped - January	28	0	14	15	9	31
Total Days Pumped - February	27	0	22	8	8	28
Total Days Pumped - March	27	0	25	10	8	31
Total Days Pumped - April	30	0	22	14	15	30
Total Days Pumped - May	30	0	26	19	16	31
Total Days Pumped - June	30	3	28	24	20	30
Total Days Pumped - July	31	24	8	21	15	31
Total Days Pumped - August	30	29	5	18	20	31
Total Days Pumped - September	30	28	1	20	12	30
Total Days Pumped - October	31	31	1	13	11	31
Total Days Pumped - November	26	30	1	17	13	29
Total Days Pumped - December	30	29	1	16	15	31
Total Pumpage (MG) - January	3.667	0	3.307	3.894	1.317	13.020
Total Pumpage (MG) - February	3.763	0	5.274	1.783	3.427	11.478
Total Pumpage (MG) - March	4.035	0	6.228	2.022	2.887	12.855
Total Pumpage (MG) - April	5.289	0	4.861	2.167	3.142	12.567
Total Pumpage (MG) - May	6.905	0	7.141	4.321	5.227	20.857
Total Pumpage (MG) - June	6.851	0.998	8.443	5.634	6.522	30.123
Total Pumpage (MG) - July	6.578	3.841	1.127	4.045	5.189	25.520
Total Pumpage (MG) - August	6.940	4.405	0.719	4.648	3.708	24.519
Total Pumpage (MG) - September	6.595	4.050	0.009	3.912	3.136	20.173
Total Pumpage (MG) - October	5.344	5.797	0.011	1.892	1.158	14.966
Total Pumpage (MG) - November	3.183	4.303	0.013	2.974	2.422	13.050
Total Pumpage (MG) - December	3.038	2.767	0.008	3.792	2.266	14.067
Total Pumping Days	350	174	154	195	199	366
Total Pumpage (MGY)	61.987	26.16	37.173	41.083	32.620	199.022
Average Daily Pumpage (MGD)	0.17	0.072	0.102	0.113	0.089	0.545
Maximum Daily Pumpage (MGD)	0.321	0.450	0.549	0.822	0.453	1.645
Maximum Week Pumpage (MGW)	1.947	1.969	2.864	1.824	1.411	7.214

MGY= Million Gallons per Year MGD=Million Gallons per Day. Pumped amounts are in million gallons, i.e. 4.060 = 4,060,000 gallons

PROJECTS/IMPROVEMENTS

Main St Well Replacement:

We are in the final stages of the new Main Street well development and we hope to have it online in May 2022. This will bring us an additional 400,000 gallon per day, which helps make up for the loss of 1,000,000 gallons per day that the Harbor Trace well produced. The project was budgeted at \$1,820,000. The water department staff did much of the work on the project. The project is now estimated to be completed at between \$550,000 and \$580,000. This is a savings of over \$1,200,000.

Meter Upgrades:

The Smart Meter Program is now in year 2 of 10 years and we have completed to date 19 percent of the Town. The meters detect leaks in the homes that a customer may not be able to see. Just in January, 3 vacant homes with smart meters had burst pipes that were seen by the water department staff in the office, and we took steps to contact the homeowner and/or shut the water off at the street to preserve the home and save the customers thousands of dollars each from having large leaks that would not have been caught for many weeks or months.

Cross Street Well:

The Cross St well was rehabbed and put back into service and has been producing about 200,000 gallons per day. This also helps offset the loss of Harbor Trace well.

Highland Road Tank:

The Tank was rehabbed for the first time since it was built in 1984. Moss that was destroying the tank was scraped off, the tank was power washed, sealed and painted by the Water Department Staff. Also, a small building was erected, and all electrical equipment was removed from an underground vault and put into the building. The project was estimated at \$200,000 dollars and the project was completed at just under \$40,000. This is a savings of \$160,000.

Fire Hydrant Painting:

Last summer the town's fire hydrants were painted as per NFPA Standard Codes. You may ask why, are the tops different colors? The colors for the top of the hydrants are painted according to the flow of water to fight fires. Blue means above average, green means average, orange means below average and red tops are poor for use in fires. The hydrants were painted by our summer interns. These are Townsend resident, high school, or college kids out of school for the summer.

Harbor Trace PFAS Treatment Plant Center:

The planning for the new treatment plant is ongoing. The Treatment Plant will service the Harbor Trace well which is currently off due to high PFAS level which produced 1,000,000 gallons per day, Witches Brook Two well with warning levels of PFAS which produces 400,000 Gallons per day, and Witches Brook One with low levels of PFAS which produces 400,000 per day.

Witches Brook Wells Rehab:

The wells at Witches Brooks have undergone an extensive renovation to include new day tanks, cleanup of property, new roof, painting and well redevelopment.

Generators:

To continuously supply water to residents when the power supply is interrupted, generators are needed to supply water to homes. Harbor Trace well currently has a generator but is shut down due to PFAS. Witches Brook well currently have a generator and is at warning levels from PFAS. The Main Office with its control center had a generator installed last Spring the project was completed \$19,000 under budget. We are now moving forward with installing generators at Main St Station and Cross St this spring thanks to ARPA grant funding so all wells and booster stations in town will have generators.

Water Main Replacement/Relocation

- **Main St Well:**
820feet of HDPE pipe were installed by Water Department Personnel:
Completed
- **Water main loops:**
This year planning stages will begin to construct new water mains from South Harbor Rd up South Row Rd to Emery Rd where the water main ends. We hope to begin in 2025.

REGULATORY

Again in 2021 we continued to meet the constant changes in state and federal regulations to provide our customers with safe healthy drinking water.

PFAS:

This year the Department of Environmental Protection of Massachusetts has implemented testing for PFAS. Mandatory testing was to begin every three months beginning in Oct 2021. We started testing early in March 2021. For any information about PFAS please go to the Townsend Water website or call. PFAS has always been in the water we just now test for it. Why did we not test for it before? The tests did not exist. Harbor Trace well which supplied 42 percent of the towns water had to be shut down due to high levels PFAS. Witches Brook wells are at warning levels of PFAS and make up 33 percent of the water supply. The other 25 percent of the town supply comes from Mains St well and Cross St well at 12.5 percent each. If Witches Brook wells go down due to PFAS the water department will be operating at 25 percent capacity. Do we have a plan to protect the water supply? Yes, we already added Cross St well in June of 2021 and are constructing the New Main St well which will add 17 percent capacity to the water supply. This will bring the water department back up to 42 percent capacity. The building of the Treatment Plant is vital for the town now and in the future. Funding from the State Revolving Fund has been approved. Millions of dollars in grants are already approved, as well as a 0 percent interest loan. We are a part of a class action lawsuit which is closing in on settling which should help with the funding.

- Are there any other possible well sites? Yes, next to the soccer field on Mason Rd is a future well site, testing for PFAS was done and any well there would require a water treatment plant for PFAS removal systems.
- Where is the PFAS coming from? More than likely the majority source is private septic systems.
- Are there private wells with PFAS in town? Yes, which ones and the percent in town are unknown it would depend on several environmental factors for each house. Unless you test your own well you don't know.
- Will taxes be used to fund the treatment plant? No tax dollars will be used to fund the building of the treatment plant.

The time frames for the Treatment Plant start (summer 2022) and completion (spring/summer 2024) dependent on the town vote.

Outside Water Use Restrictions

- This is one regulation that takes effect annually and has become mandated by the state Massachusetts Department of Environmental Protection (MassDEP). The purpose of this regulation is to protect, preserve, and maintain public health, safety, welfare, and the environment whenever it is necessary to enforce a state of Water Supply Emergency by ensuring there is an adequate supply of water for drinking and fire protection and to protect the quantity and quality of water in local aquatic habitats such as lakes, rivers, ponds, streams and, wetlands. Water restrictions go into effect on May 1st and end September 30th. Odd numbered addresses can water on odd numbered days, even numbered addresses on even numbered days. **ABSOLUTELY NO OUTDOOR WATER USE EVERY DAY ALL ADDRESSES BETWEEN THE HOURS OF 9:00 AM – 5:00 PM.**
- Anyone watering between the hours from 9AM-5PM may be fined.
- Outdoor watering will be determined year to year. The next few years, due to PFAS, there will be a maximum strain to the system in the summer. If the treatment plant is not built and we lose Witches Brook wells the water department will have to ban all outdoor water use. We are working hard so this never happens.



GENERAL MAINTENANCE

- Maintenance of the distribution system consists of approximately 50 miles of water main, 2,000 service connections, serving a population of approximately 6,500 residents, 376 hydrants, 5 pumping stations with treatment for corrosion control, 2 storage tanks, a Booster Station, a garage and an office/garage.
- Water main flushing was conducted in the spring and in the fall to maintain and improve water quality. Flushing mains is done by a process called uni-directional flushing. Uni-directional flushing is done by starting at our storage tanks and isolating sections of main by shutting off designated valves then using one or more hydrants that section is flushed at a rate that creates a “scouring” effect to clean the inner walls of the main. This process is repeated to the end of the system.
- As one of approximately 60 members of the Northeast Merrimack Valley Consortium we attend meetings between February and May to discuss any concerns with water treatment chemicals and solicit and award bids as a group to get the best price for a wide range of treatment chemicals.
- As part of our ongoing Cross Connection Control Program, annual and semi-annual testing was performed on all commercial, industrial, and municipal backflow prevention devices. These devices are designed to prevent any non-potable substance from contacting and contaminating the public water supply. Regular testing and proper maintenance of these devices is essential in protecting public health.
- 5 new water services were installed. Leaks were repaired as found, hydrants were repaired and replaced as needed. Meter valves and, meters were replaced as needed.
- As a member of Dig Safe, we are electronically notified prior to any excavation performed within the distribution system. This allows Water Department personnel to locate and mark all water lines in the area of excavation before work begins preventing any damage to the system.
- We constantly monitor the protection area around our sources to prevent contamination of the ground water that influences our wells.

- Water Department personnel work diligently to make sure all hydrants are accessible to Fire Department personnel as quickly as possible during the winter. Unfortunately, at times due to the size and frequency of the storms it could be several days to a couple of weeks before we can get to ALL the hydrants. Business owners and residents are encouraged to keep hydrants in front of or, close to their home or business cleared out. We appreciate your assistance and please be safe. Always wear bright colored clothing when working close to a roadway.

WATER QUALITY

- All State and Federal required water quality testing for over 100 regulated and unregulated contaminants was performed. Samples taken for analysis include Nitrate, Nitrite, Perchlorate, Secondary Contaminants, Synthetic Organic Compounds (SOC's), Volatile Organic Compounds (VOC's), Inorganic Compounds (IOC's), Sodium, Radium, Lead & Copper and monthly Bacteriological Analysis. We are happy to report that water quality for the residents and businesses of Townsend continues to meet or exceed all state and federal standards.



EDUCATION

- As required by the Massachusetts Department of Environmental Protection (MassDEP) seminars and classes were attended by operations personnel and the Superintendent to further education in the water industry and to stay current with changing regulations, new technology, new products and, to accrue mandated total contact hours (TCH'S) in order to retain state and federal required operator's licenses in the areas of distribution and treatment. Water Departments are strictly monitored by the state and subject to random audits to assure that employees possess the required licenses and total contact hours (TCH's).

DID YOU KNOW?

- The total cost to operate your Water Department comes strictly from "water receipts" (customers paying their bills). No amount of property tax revenue is used to operate the Water Department.
- If you were to break your bill down to cost/gallon, you would find that you pay less than 1 cent/gallon of water used. This amount covers costs such as but not limited to, operation and maintenance of equipment to pump water from the groundwater source to your tap, labor costs, the maintenance of 50 miles of water mains and 376 hydrants, constant water quality monitoring and testing for over 100 contaminants to assure the water is safe for consumption and, that a licensed professional is on call 24/7, 365 days/year to respond to any emergency.

CONCLUSION

- As Superintendent, I would like to take this opportunity to recognize and thank the employees of the Water Department, Ryan Lapierre, Kevin Keefe, Alec Gaetz, Brenda Boudreau and Mistie Demazure for their dedication and hard work.
- Maintenance and operating reports of the Water Department are available at the office at 540 Main Street, West Townsend. The office is open Monday through Friday from 9:00 a.m. to 3:00 p.m., and the hours of operation are from 7:00 a.m. to 3:30 p.m. Monday through Friday. The Board of Water Commissioners meets the second Monday of each month at 7:00 p.m. Please feel free to attend and participate in these meetings.

Respectfully Submitted By:

David Vigeant

BOARD OF WATER COMMISSIONERS

Chris Jones

Todd Melanson

Open

Superintendent

Vice Chairman

Chairman

Clerk

4.2

TOWN OF TOWNSEND
PLANNING BOARD
272 MAIN ST.
TOWNSEND, MA 01469
bfaxon@townsendma.gov

Date: February 16, 2022

To:

Assessors Office
Board of Selectmen
Board of Health
Building Commissioner
Conservation Commission
Fire Department

Highway Department
Land Use Coordinator
Town Clerk
Police Department
Zoning Board of Appeals

From:

Planning Board Office via Beth Faxon, X1722 bfaxon@townsendma.gov

REFERRAL NOTICE (From legal notice)

In accordance with MGL Chapter 40-A and Townsend Zoning By-laws, Section 145-42 Site Plan Review Special Permit and Section 145-65 Special Permits, the Planning Board will hold a remote public hearing on Monday, **March 14, 2022, at 6:45 p.m.**, on Zoom at link: <https://us02web.zoom.us/j/81885495139?pwd=ZmRUcVdLS1pPcHdHamxuZzRTYy9WZz09>, to join by phone call 1 929 205 6099 Meeting ID 818 8549 5139 Passcode: 901900. The Planning Board will review an application received from **Anthony Sabatino, ASC Enterprises, Inc.**, regarding a "Change in Use" proposal to redesign the property at **32 Main St., Assessor's Map 33, Block 60, Lot 0, zoned OCD (Outlying Commercial District)**, to open and operate a Food Truck Park providing food services accompanied by mobile food trucks for take-out and sit-down picnic style park.

PROJECT DESCRIPTION:

request for Site Plan review Special Permit to construct and operate a food truck park providing food services accompanied by mobile food trucks for take-out and sit-down picnic style dining.

APPLICANT:

Anthony Sabatino, ASC Enterprises, Inc.

LOCUS ADDRESS:

32 Main Street – Outlying commercial District

PARCEL ID:

Assessor's Map 33, Block(s) 60, Lot(s) 0

DATE OF HEARING:

Monday March 14, 2022 @ 6:45 pm.

TIME / PLACE OF HEARING:

remotely via TCAM hosted Zoom meeting

LEGAL AD:

Groton Herald February 25th & March 4, 2022

COMMENTS

NO COMMENT _____

SIGNED: _____

DATE: _____



Office of
THE PLANNING BOARD
272 Main Street
Townsend, Massachusetts 01469
978-597-1700 x 1722

Site Plan Review Special Permit

Page 1 of 3

(Under Sections 145-42 Site Plan Review Special Permit; 145-39 Open Space Preservation Development (OSPD); 145-47 Open Space Multi-family Development (OSMD); 145-51 Telecommunication and Cellular Towers, 145-53 Adult Use Establishments, 145-65 Special Permits, and 145-86 Ground-Mounted Solar Energy District of the Townsend Zoning Bylaws)

Date: 1/18/2022

Name of Project: The Food Lot

Location of Project: 32 Main Street, Townsend MA

1. Owner of record:

Name: Anthony Sabatino

Company: ASC Enterprises, Inc

Owner's Street Address: 24 Beaver Road

City/Town: Reading State: MA Zip: 01867

Phone: Day (781) 454-7490 Evening _____ Fax _____

2. Applicant's name and address (if same as owner, write "same")

Name: Same

Company: _____

Owner's Street Address: _____

City/Town: _____ State: _____ Zip: _____

Phone: Day _____ Evening _____ Fax _____

Applicant is: Owner Owner _____ Agent/Attorney _____ Purchaser _____ Tenant
Other: (Explain) _____

If the applicant is not the owner, a Power of Attorney or similar document signed by all owners of the property must be included.

3. Characteristics of Property:

*Zoning District: Outlying Comm. (OCD) **Number of Lots: 1

**Lot Area +/- 67,717 s.f. (+/-1.55 AC.) **Frontage 200 ft.

*Map # 33 Block # _____ Lot # 60

*Recorded, South Middlesex Registry of Deeds: Book Number 75945 Page Number 466

*Information available from the Assessors Office **If there is more than one lot, please attach a list

Revised 07-22-13

4. Please either attach or write a brief description of the nature of this Special Permit for Site Plan Review:

See attached document.

Fees:

Site Plan Review Special Permit or Non-Discretionary Site Plan Review for Solar/Wind Energy Installation:	\$ 350 Existing Construction
	<u>\$1,200 New Construction</u>
	\$ 200 Modification or Permit Extension
OSPD or OSMD	\$1,000
	\$ 600 if filed simultaneously with Definitive Subdivision
	\$ 300 & 50 per lot Modification or Permit Extension
Telecommunication Cell Tower:	\$ 750 New Construction
	\$ 300 Renewal of Cell Tower Special Permit
Adult use:	\$ 2,000

Please make checks payable to the Town of Townsend. Fees are for administrative costs.

Under MGL Chapter 40A and Chapter 44 §53G, the Planning Board may require a deposit payable to the Town of Townsend for the reasonable costs of a consultant/engineer's peer review or other outside consultant. Funds are held in an interest-bearing account, and unused balances are refundable upon written request at the completion of the project.

The Planning Board may also require the applicant to pay unusual administrative costs, such as copying.

The applicant shall pay the cost of recording any decision at the Registry of Deeds.

Please direct any questions to the Planning Board Assistant at 978-597-1700 x 1722. For zoning or building questions, please contact the Building Commissioner at 978-597-1709.

Agreement

- I/we hereby certify that the information on the first page is true and correct based on all the information available to me.
- I/we understand that the Planning Board may require additional information to process this application.
- Any errors in the information provided, or presented by me or my representatives may be cause for denial or revocation of a favorable decision.
- Any relief granted by the Planning Board must be limited to the request made in this application.
- I/we may be represented by counsel at my own expense.
- If this application is denied, it may not be brought before the Planning Board again for two years without prior approval from the Planning Board.
- I/we am/are responsible for all other applications, permits, and approvals that may be required by law.

For notarizing additional signatures, please photocopy this page as needed.

Date: _____

Owner(s): (1) Anthony Sabatino
(Print Name)
[Signature]
(Signature)

(2) _____
(Print Name)

(Signature)

Date: _____

Applicant(s): (1) Anthony Sabatino
(Print Name)
[Signature]
(Signature)

(2) _____
(Print Name)

(Signature)

NOTARY STATEMENT:

COMMONWEALTH OF MASSACHUSETTS

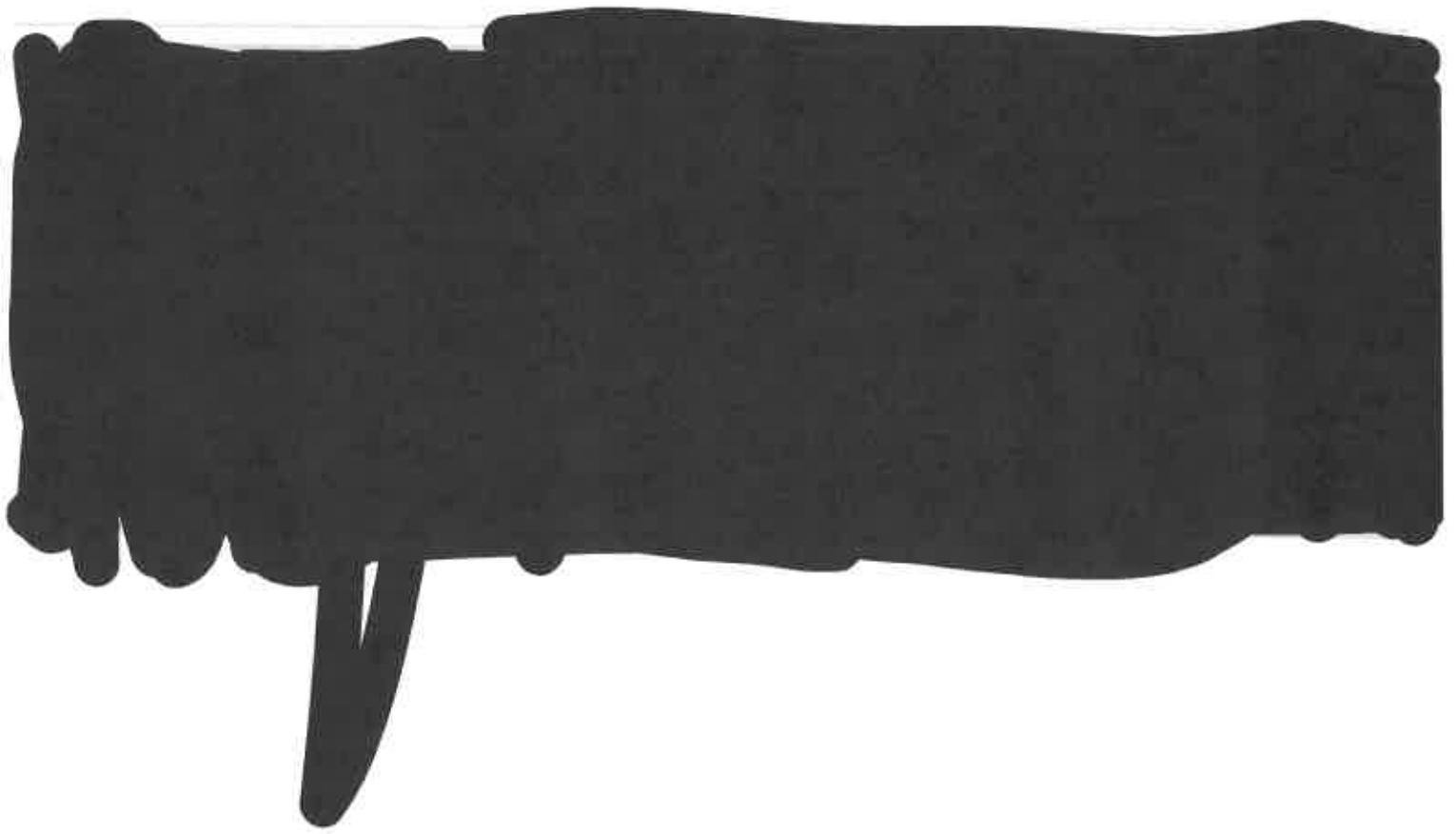
Essex County

On this 19th day of January, 2023, before me, the undersigned Notary Public, personally appeared Anthony Sabatino, and proved to me through satisfactory evidence of identification, which were VA Drivers License, to be the person(s) whose name(s) is (are) signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose, in my presence.

Michelle Connell
Notary Public Signature

May 9, 2025
My Commission Expires





FODERA
ENGINEERING
28 Harbor Street, Suite 204
Danvers, MA 01923
Office: (617) 992-8492
contact@foderaengineering.com

January 18, 2022

To: Town of Townsend Massachusetts
Office of The Planning Board
272 Main Street
Townsend, MA 01469

RE: SPECIAL PERMIT SUMMARY
PRELIMINARY SUBMITTAL – “THE FOOD LOT”
32 MAIN STREET
TOWNSEND, MA 01469

To Members of the Planning Board,

The above referenced project is proposed to be “The Food Lot” which will provide food services accompanied by mobile food trucks for take-out and sit-down picnic style food hangout. The conceptual site plan prepared by Fodera Engineering and dated December 18, 2021 demonstrates the following:

- Nine (9) food truck setup stations.
- A bath house.
- Approximately eight-two (82) parking spots (10’x20’ spots)
- Approximately twenty (20) outdoor picnic tables.

Each food truck setup station will contain its own utility connection for water service. Food trucks will rent out stations for sale of food to the public. The bath house will be for public use to the patrons. The following pictures are to demonstrate an example of what “The Food Lot” will be similarly compared to.











This application is for submittal of a special permit for the proposed use as well as a preliminary site plan. Following an approval of use and coordination with the Planning Board, an engineered site plan will be submitted for further approval.

Please accept this preliminary application for scheduling of the next public board meeting. Do not hesitate to call or email me shall you have any questions, comments, or concerns.

Sincerely yours,

Giovanni Fodera, P.E.

Principal Engineer

FODERA Engineering



OFFICE OF THE BOARD OF
SELECTMEN 272 Main Street,
Townsend, MA
(978) 597-1700- selectmen@townsendma.gov

Ross Perry
Interim Town Administrator

To: Montachusett Regional Planning Commission
From: Townsend Board of Selectmen
re: DLTA Grant Application date: 03/01/22

Dear Mr Eaton:

The Town of Townsend will be transferring several parcels of Town-owned land to the Townsend Affordable Housing Trust (TAHT) in the spring of 2022. The Town has received and earmarked \$100,000.00 in ARPA funds to specifically assist the TAHT in pursuing the building of Affordable Housing.

The Townsend Board of Selectmen is therefore submitting this DLTA grant application to the MRPC, after the subject was discussed and approved at a public meeting on March 1, 2022.

Evaluation Criteria

- 1) The Townsend Board of Selectmen (BOS) agree to apply for MRPC DLTA planning services under this call for proposals. The BOS is working in conjunction with the Townsend Housing Authority and the Townsend Affordable Housing Trust.
- 2) We estimate the expenditure of and have earmarked up to \$1,000.00 to pay for services provided by any Town employees who may assist the TAHT in the implementation of our 5-year Affordable Housing Plan. Depending on an employee's level of expertise, the hourly rate has been set variably at \$25.00 to \$40.00.
- 3) Townsend is applying for and qualifies under the DLTA "Planning Ahead for Housing" activity as we seek to create mixed-income, affordable multi-family housing and market-rate rental housing units utilizing the Town-owned properties the TAHT will be given and the \$100,000.00 in ARPA funds. Expected Deliverables include MRPC assistance with creating a 5-year Townsend Affordable Housing Action Plan to enhance the Trust's effectiveness and determine the best path(s) forward. This would include General and Global Planning Services, Analysis, Technical Assistance and Guidelines.

We additionally seek assistance in prioritizing our funding expenditures and identifying funding sources. For more specific and targeted Expected Deliverables we refer you to the latest version of the Townsend Housing Production Plan, dated 02/01/22. See pages 17-18, items 4) Adopt local guidelines for development applications for the Local Initiative Program, 5) Conduct a planning area study to investigate the possible creation of a 40R district in two villages and along Route 119 Corridor, 9) Investigate the feasibility of promoting smaller developments on several parcels owned by the TAHT and 17) Create a regular, predictable funding source for the Affordable Housing Trust and a five-year action plan to enhance the Trust's effectiveness.

Thank you for your consideration of our application.
Sincerely,
Townsend Board of Selectmen

Veronica Kell Chairman	Joseph Shank Vice-Chairman	Charles Sexton-Diranian Clerk
---------------------------	-------------------------------	----------------------------------



OFFICE OF THE BOARD OF SELECTMEN

Veronica Kell, *Chairman*
Joseph Shank, *Vice Chairman*
Chaz Sexton-Diranian, *Clerk*

9.5

POLICY #01-2022

REPLACE POLICY: N/A

Purpose: The Board of Selectmen and Interim Town Administrator agree to establish a consistent process for all municipal Boards, Commissions, and Committees.

Policy: Townsend First Policy for All Boards, Commissions, Authorities, and Committees.

Townsend First Policy

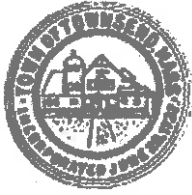
Within the confines of the law, and all other factors being equal, the Town of Townsend shall seek to hire from within the department and from existing qualified Town employees, then employ Town residents before considering other candidates for open positions. The Town shall likewise make all reasonable efforts to procure goods and services from Townsend-based vendors in the construction, maintenance and operation of all construction projects paid for solely with Town funds, or for supply contracts that are not subject to the requirement that preference be given to the lowest responsible bidder.

To qualify as a local vendor, the bidder must certify at the time of bid the following:

- a. it has fixed facilities with employees located within the Town limits;
- b. it has a Town business street address (Post Office box or residential address shall not suffice to establish a local presence);
- c. all sales tax returns for the goods purchased must be reported to the State through a business within the geographic boundaries of the Town; and
- d. it has a Town business license.

Further, for any development agreements or Host Community Agreements (contract negotiated between a municipality and a marijuana establishment that includes all terms necessary for the marijuana establishment to operate in the municipality), the Agreement shall contain the following clause:

Local Vendors and Hiring. To the extent such practice and its implementation are consistent with federal, state, and municipal laws and regulations, CONTRACTOR shall make best efforts in a legal and non-discriminatory manner to give priority to Town businesses, suppliers, contractors, builders and vendors located in the Town in the provision of goods and services called for in the construction, maintenance and continued operation of the Facility and to hire Town residents for jobs in and related to the Facility. Such efforts shall include actively soliciting bids from Town vendors through local advertisements and direct contact, to the greatest extent possible, advertising any job expansion or hiring of new employees first to Town residents. CONTRACTOR shall give Town residents an employment preference to the fullest extent allowed by law. Such preference shall be conspicuously referenced in all employment advertisements and literature issued by CONTRACTOR. CONTRACTOR also agrees to make



OFFICE OF THE BOARD OF SELECTMEN

Veronica Kell, *Chairman*
Joseph Shank, *Vice Chairman*
Chaz Sexton-Diranian, *Clerk*

best efforts to utilize women-owned and minority-owned vendors within the Town and the region. Thirty days after opening, and annually thereafter, if requested CONTRACTOR shall provide to the Town a hiring report. Said report shall include the full and part-time employment levels for the Facility as of the beginning of each month during the reporting period and the proportion of Town residents in each category of employment. CONTRACTOR shall furnish the Town with such further information and documentation as the Town may reasonably request to support and document compliance with this Agreement.

date

ARPA Meals for Seniors

5.0

Karin Moore <kmoore@townsendma.gov>

Thu 2/17/2022 11:45 AM

To: Veronica Kell <vkell@townsendma.gov>

📎 1 attachments (121 KB)

Commercial Refrigerator Freezer.pdf;

Good morning,

Attached is the information Donna Fenton found on a Commercial Refrigerator/Freezer.

Our goal with the ARPA funding for senior meals is to get back to (and increase) our pre-COVID schedule of offering 5 congregate meals a week.

Increasing Meals on Wheels deliveries is also an attainable goal.

Currently, the Senior Center has only two residential refrigerator units and one small commercial freezer that was gifted to us.

It would help us immensely if we had a commercial refrigerator/freezer. It seems that Donna has even found an exclusive price of \$10,299.

Unfortunately, as with many things delivery would be 4-5 months out, so approval to purchase as soon as possible would be appreciated.

We have looked at the space where it would be installed and confirmed that the proper outlet is already installed there.

Please let me know if there is any other information that you need.

"Life is not measured by the number of breaths we take, but by the moments that take our breath away"

- Unknown

Karin Canfield Moore, Director

Townsend Senior Center/Council on Aging

16 Dudley Road

Townsend, MA 01469

978-597-1710

This electronic message is confidential and intended for the named recipient only. Any dissemination, disclosure or distribution of the contents of this communication is unlawful and prohibited. If you have received this message in error, please contact by return email or telephone (978-597-1710) and delete the copy you received. Thank you.

Search 360,000+ products

< Commercial Combination Refrigerators / Freezers

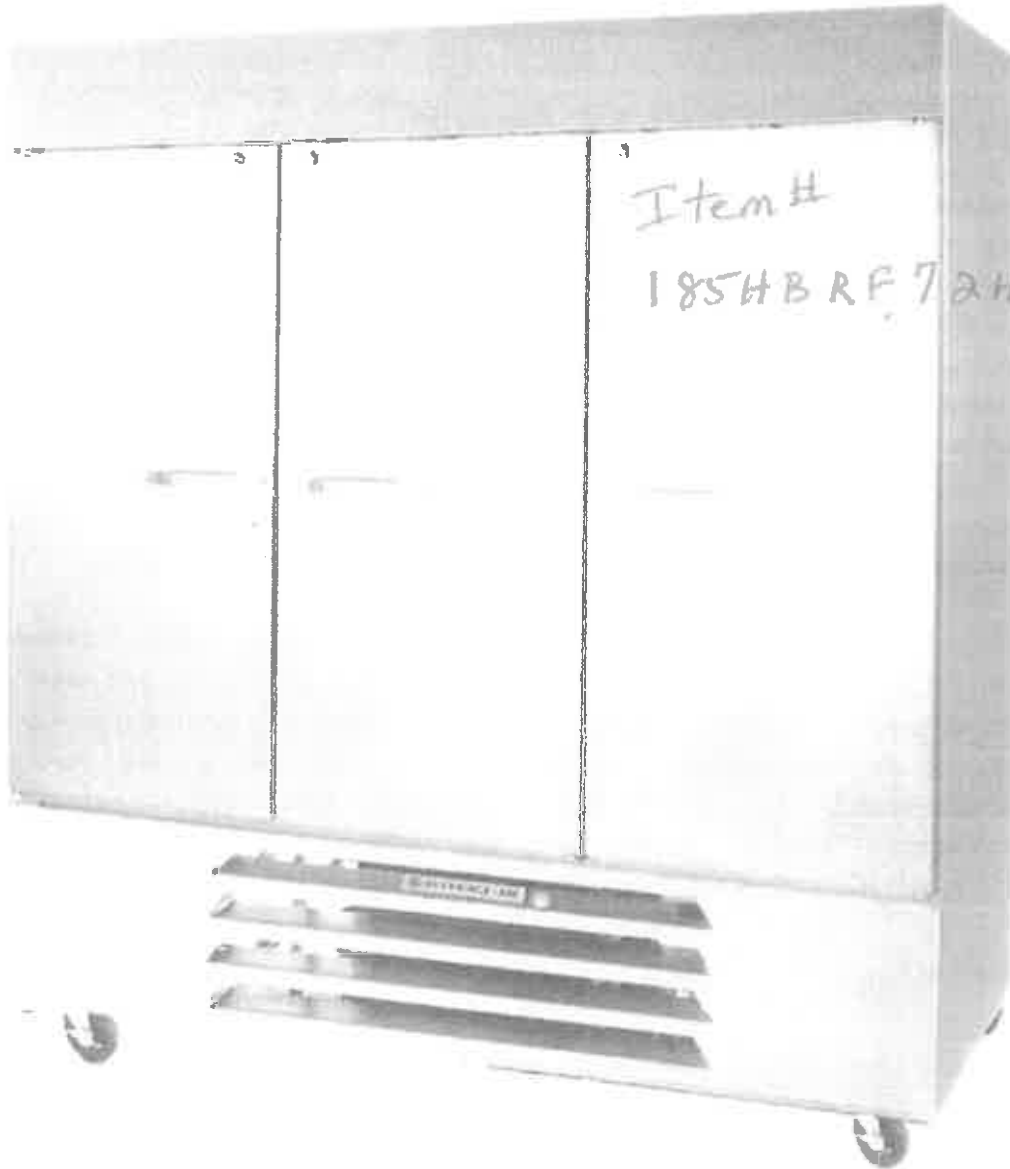
Beverage-Air HBRF72HC-1-C Horizon Series Three Section Dual Temperature Reach-in Refrigerator / Freezer

Item #: 185HBRF72HCC MFR #: HBRF72HC-1-C

12,323.39

Exclusive Price 10,299.00

Free shipping
4 to 5 mtn
delivery



Item #
185HBRF72HCC

Ships free with

Login or enter your email to be instantly sent the price!

Email Address

Send

Shipping:

Usually Ships in 4-5 Months

**BEVERAGE-AIR**

View all Beverage-Air Commercial Combination Refrigerators / Freezers

Beverage-Air HBRF72HC-1-C Details

Your business is constantly changing and so are your storage needs. To accommodate these diverse needs, the Beverage-Air HBRF72HC-1-C Horizon Series dual temperature reach-in refrigerator / freezer offers a space-efficient, versatile solution. Two-thirds refrigerator and one third freezer, the unit provides both storage environments in the footprint of just one. The left and middle sections are refrigerated, while the right section is for frozen storage. Made of stainless steel, the unit includes 3 solid, self-closing doors, each with a 120 degree stay-open feature, magnetic gasket, and lock. The doors are also field reversible, allowing you to change the hinge side to best suit your space.

Each section of the cabinet houses 5 heavy-duty, epoxy-coated wire shelves and bright, LED lighting. Plus, all sections are rated for open food storage, increasing the unit's convenience and versatility.

The refrigerator portion operates with a 1/4 hp system and circulates R290 refrigerant, maintaining temperatures between 36 and 38 degrees Fahrenheit. The freezer portion operates with a 3/4 hp refrigeration system that circulates R290 refrigerant. This system uses expansion valve technology for efficient recovery and maintains temperatures at or below 0 degrees Fahrenheit. For easy operation, the unit features a full electronic control, which includes One-Touch Defrost to simplify maintenance. The one-piece grill is also easy to remove as needed. To thoroughly clean your kitchen, roll the unit aside on its 6" heavy-duty casters, and reach the floors and walls around it. It requires (2) 115V electrical connections, one for the freezer and one for the refrigerator.

Overall Dimensions:

Width: 75 1/8"

Depth: 33 7/8"

Height: 84"

Capacity: 64.47 cu. ft.

Interior Dimensions:

Width: left section 47"

Width: right section 22"

Depth: 27"

Height: 53"

This Item Ships via Common Carrier. For more information and tips to help your delivery go smoothly, [click here](#)

Because this item is not stocked in our warehouse, processing, transit times and stock availability will vary. If you



5.21

Town of Townsend
17 FEB 22 10:21

Council on Aging
Townsend Senior Center

16 Dudley Road
Townsend, Massachusetts 01469

TEL: 978-597-1710
FAX: 978-597-1720

**TOWN OF TOWNSEND
EMPLOYMENT OPPORTUNITY
SENIOR MEAL SERVICES ASSOCIATE**

The Town of Townsend seeks qualified applicants for the position of Senior Food Services Associate.

Position is 19 hours/week.

Responsibilities: The Senior Food Services Associate will perform basic kitchen duties assisting the Kitchen Manager with all aspects of preparing meals for delivery, pick up, and in-house consumption.

Must have basic knowledge of food preparation. High school diploma or equivalent required. Food service experience preferred. ServSafe certification a plus. Must be able to lift up to 30 pounds. Must be able to follow oral and written instructions.

Applications may be obtained through the town website at [TOWN OF TOWNSEND \(townsendma.gov\)](http://TOWN OF TOWNSEND (townsendma.gov)), at the Townsend Senior Center, or by calling (978) 597-1710. Please send completed application to Karin Canfield Moore, Senior Center Director, 16 Dudley Road, Townsend, MA 01469 or by email kmoore@townsendma.gov. Applications will be accepted until the position is filled. The Town of Townsend is an EEO/AA employer.

**COUNCIL ON AGING
SENIOR MEAL SERVICES ASSOCIATE**

DEFINITION

Position assists the Kitchen Manager with the management of all congregate meals and similar events at the Townsend Senior Center.

ESSENTIAL FUNCTIONS

The essential functions or duties listed below are intended only as illustrations of the various type of work that may be performed. The omission of specific statements of duties does not exclude them from the position if the work is similar, related, or a logical assignment to the position.

- Assists the Kitchen Manager with meal preparation, service and clean up.
- Assists in preparing Meals on Wheels for delivery.
- May be required to deliver Meals on Wheels occasionally.
- Performs other duties as instructed by the Kitchen Manager, Council on Aging Director, or designee.

SUPERVISION RECEIVED

Under general direction of the Kitchen Manager and Council on Aging Director or designee.

SUPERVISION EXERCISED

May at times oversee meal site volunteers in the absence of the Kitchen Manager.

JUDGMENT AND COMPLEXITY

The work is well defined or has detailed rules, instructions, and procedures. Judgment involves choosing the appropriate practices, procedures, regulations, or guidelines to apply in each case.

NATURE AND PURPOSE OF CONTACTS

Relationships are primarily with co-workers, vendors, and the public, involving frequent explanation, discussion or interpretation of practices, procedures, regulations, or guidelines in order to render service, plan or coordinate work efforts, or resolve operating problems. Other regular contacts are with service recipients and employees of outside organizations. More than ordinary courtesy, tact and diplomacy may be required to resolve complaints or deal with hostile, uncooperative, or uninformed persons.

EDUCATION AND EXPERIENCE

High School diploma or equivalent experience is required, or any equivalent combination of education, training, and experience.

KNOWLEDGE, ABILITY, AND SKILLS

Basic knowledge of proper food handling and maintenance of sanitary conditions. Experience with the elder population is beneficial. Serve Safe is required.

WORK ENVIRONMENT

The majority of work is performed under typical kitchen and food service conditions. Operates kitchen appliances and equipment required in the preparation of hot and cold food.

Employee may be required to work beyond normal business hours in response to emergency situations or to attend evening meetings.

Errors could result in delay of loss of service or food borne illness to attendees.

PHYSICAL, MOTOR, AND VISUAL SKILLS

- **Physical Skills**

The work involves standing, walking, stooping and some sitting. May be required to consistently lift objects such as large pans of food, boxes of food, supplies, and equipment weighing up to 30 pounds.

- **Motor Skills**

Duties of the job may require motor skills for activities such as moving objects, using pots and pans, knives, frequent stirring, and other kitchen equipment.

- **Visual Skills**

Visual demands require routinely reading documents for general understanding and analytical purposes.

- **TOTAL FOR CDSMP = \$3,100**

Matter of Balance training: \$1,500; supplies \$1,000

Grandparents Raising Grandchildren \$500; supplies \$1,000

Dementia/Age-Friendly Community \$500; supplies \$1,000

TOTAL REQUEST FOR EDUCATION AND TRAINING = \$9,600

TOTAL ARPA REQUEST FROM THE TOWNSEND COUNCIL ON AGING

(NOT INCLUDING OUTREACH/SOCIAL SERVICES) = \$154,807.32

**TOWNSEND SENIOR CENTER
MEAL COUNTS**

2011/2012	<i>July</i>	<i>Aug</i>	<i>Sept</i>	<i>Oct</i>	<i>Nov</i>	<i>Dec</i>	<i>Jan</i>	<i>Feb</i>	<i>Mar</i>	<i>Apr</i>	<i>May</i>	<i>June</i>	TOTAL
Homemade Lunch												86	86
2012/2013	<i>July</i>	<i>Aug</i>	<i>Sept</i>	<i>Oct</i>	<i>Nov</i>	<i>Dec</i>	<i>Jan</i>	<i>Feb</i>	<i>Mar</i>	<i>Apr</i>	<i>May</i>	<i>June</i>	TOTAL
Homemade Lunch	103	62	78	61	32	39	69	46	78	74	46	51	739
2013/2014	<i>July</i>	<i>Aug</i>	<i>Sept</i>	<i>Oct</i>	<i>Nov</i>	<i>Dec</i>	<i>Jan</i>	<i>Feb</i>	<i>Mar</i>	<i>Apr</i>	<i>May</i>	<i>June</i>	TOTAL
Homemade Lunch													1069
Meals on Wheels													1431
TOTAL LUNCHESES...													2500
2014/2015	<i>July</i>	<i>Aug</i>	<i>Sept</i>	<i>Oct</i>	<i>Nov</i>	<i>Dec</i>	<i>Jan</i>	<i>Feb</i>	<i>Mar</i>	<i>Apr</i>	<i>May</i>	<i>June</i>	TOTAL
Homemade Lunch													1103
Meals on Wheels													1397
TOTAL LUNCHESES...													2500
2015/2016	<i>July</i>	<i>Aug</i>	<i>Sept</i>	<i>Oct</i>	<i>Nov</i>	<i>Dec</i>	<i>Jan</i>	<i>Feb</i>	<i>Mar</i>	<i>Apr</i>	<i>May</i>	<i>June</i>	TOTAL
Homemade Lunch													1315
Meals on Wheels													1185
TOTAL LUNCHESES...													2500
July 16/June 17	<i>July</i>	<i>Aug</i>	<i>Sept</i>	<i>Oct</i>	<i>Nov</i>	<i>Dec</i>	<i>Jan</i>	<i>Feb</i>	<i>Mar</i>	<i>Apr</i>	<i>May</i>	<i>June</i>	TOTAL
MOC Lunch	151	155	178	147	145	94	101	93	145	135	182	148	1674
Meals on Wheels	88	129	91	96	114	81	98	71	120	120	127	89	1224
Homemade Lunch	125	102	85	83	88	71	90	59	101	93	64	72	1033
Pot Luck Lunch	18	0	0	0	0	0	0	0	0	0	0	0	18
Manor on the Hill	0	0	0	0	0	0	0	0	0	0	32	29	61
Pizza and a Speaker	0	0	0	0	0	0	0	0	0	0	0	17	17
TOTAL LUNCHESES ...	382	386	354	326	347	246	289	223	366	348	405	355	4027
July 17/June 18	<i>July</i>	<i>Aug</i>	<i>Sept</i>	<i>Oct</i>	<i>Nov</i>	<i>Dec</i>	<i>Jan</i>	<i>Feb</i>	<i>Mar</i>	<i>Apr</i>	<i>May</i>	<i>June</i>	TOTAL
MOC Lunch	185	214	173	203	208	159	148	121	152	258	147	129	2097
Meals on Wheels	103	116	101	120	151	128	120	77	122	163	155	138	1494
Homemade Lunch	130	120	42	89	113	91	42	81	72	64	90	96	1030
Manor on the Hill	30	32	33	39	0	0	0	0	0	0	0	0	134
TOTAL LUNCHESES...	448	482	349	451	472	378	310	279	346	485	392	363	4755



Council on Aging
Townsend Senior Center

16 Dudley Road
Townsend, Massachusetts 01469

TEL: 978-597-1710
FAX: 978-597-1720

TOWN OF TOWNSEND
EMPLOYMENT OPPORTUNITY
SENIOR FOOD SERVICES ASSOCIATE

The Town of Townsend seeks qualified applicants for the position of Senior Food Services Associate.

Position is 7+ hours/week at minimum wage.

Responsibilities: The Kitchen Assistant will perform basic kitchen duties assisting the Kitchen Manager with all aspects of preparing meals for delivery, pick up, and in-house consumption.

Must have basic knowledge of food preparation. High school diploma or equivalent required. Food service experience preferred. ServSafe certification a plus. Must be able to lift up to 30 pounds. Must be able to follow oral and written instructions.

Applications may be obtained through the website at www.townsendma.us, at the Townsend Senior Center, or by calling (978) 597-1710. Please send completed application to Karin Canfield Moore, Senior Center Director, 16 Dudley Road, Townsend, MA 01469 or by email kcanfield@townsendma.us. Applications will be accepted until the position is filled. The Town of Townsend is an EEO/AA employer.

**COUNCIL ON AGING
SENIOR FOOD SERVICES ASSOCIATE**

DEFINITION

Position assists the Kitchen Manager with the management of all congregate meals and similar events at the Townsend Senior Center.

ESSENTIAL FUNCTIONS

The essential functions or duties listed below are intended only as illustrations of the various type of work that may be performed. The omission of specific statements of duties does not exclude them from the position if the work is similar, related, or a logical assignment to the position.

- Assists the Kitchen Manager with meal preparation, service and clean up.
- Assists in preparing Meals on Wheels for delivery.
- May be required to deliver Meals on Wheels occasionally.
- Performs other duties as instructed by the Kitchen Manager, Council on Aging Director, or designee.

SUPERVISION RECEIVED

Under general direction of the Kitchen Manager and Council on Aging Director or designee.

SUPERVISION EXERCISED

May at times oversee meal site volunteers in the absence of the Kitchen Manager.

JUDGMENT AND COMPLEXITY

The work is well defined or has detailed rules, instructions, and procedures. Judgment involves choosing the appropriate practices, procedures, regulations, or guidelines to apply in each case.

NATURE AND PURPOSE OF CONTACTS

Relationships are primarily with co-workers, vendors and the public, involving frequent explanation, discussion or interpretation of practices, procedures, regulations, or guidelines in order to render service, plan or coordinate work efforts, or resolve operating problems. Other regular contacts are with service recipients and employees of outside organizations. More than ordinary courtesy, tact and diplomacy may be required to resolve complaints or deal with hostile, uncooperative, or uninformed persons.

EDUCATION AND EXPERIENCE

High School diploma or equivalent experience is required, or any equivalent combination of education, training and experience.

KNOWLEDGE, ABILITY, AND SKILLS

Basic knowledge of proper food handling and maintenance of sanitary conditions. Experience with the elder population is beneficial. Serve Safe is required.

WORK ENVIRONMENT

The majority of work is performed under typical kitchen and food service conditions. Operates kitchen appliances and equipment required in the preparation of hot and cold food.

Employee may be required to work beyond normal business hours in response to emergency situations or to attend evening meetings.

Errors could result in delay of loss of service or food borne illness to attendees.

PHYSICAL, MOTOR, AND VISUAL SKILLS

- **Physical Skills**
The work involves standing, walking, stooping and some sitting. May be required to consistently lift objects such as large pans of food, boxes of food, supplies, and equipment weighing up to 30 pounds.
- **Motor Skills**
Duties of the job may require motor skills for activities such as moving objects, using pots and pans, knives, frequent stirring, and other kitchen equipment.
- **Visual Skills**
Visual demands require routinely reading documents for general understanding and analytical purposes.

ARRA Budget Worksheet

Department: COA-ARRA

Account #: 541

	FY22 approved after STM	FY 22	FY 23	FY 24	FY 25	FY 26
Personnel Services						
Salaries						
Wages		\$ 14,529.87	\$ 14,966.26	\$ 15,415.25	\$ 15,877.71	\$ 16,354.04
Other Personnel Services						
Total Personnel Services	\$ -	\$ 14,530	\$ 14,966	\$ 15,415	\$ 15,878	\$ 16,354
Expenses						
Other						
Other						
Other						
Total Expenses	\$ -	\$ 16,500	\$ 12,350	\$ 12,721	\$ 13,102	\$ 13,495
Total Budget	\$ -	\$ 31,030	\$ 27,316	\$ 28,136	\$ 28,980	\$ 29,849

Submitted by: _____

Date: _____

Total \$145,310.92
\$145,207.32

Total \$ 77,143.13

Total \$ 68,167.79

Labor Worksheet

Department	Fiscal Year	Account #
COA	FY 23	541

ARRA

Wages Name		FY 22		FY 23		FY 24		FY 25		FY 26
		Current/Annum	% Inc	Proposed	% Inc	Proposed	% Inc	Proposed	% Inc	Proposed
Position: Senior Food Services Associate	Base Wages	\$ 14,529.87	3	\$ 14,966.26	3	\$ 15,415.25	3	\$ 15,877.71	3	\$ 16,354.04
Hrs/Wk: 19	Overtime									
	Shift Differential									
	Clothing Allowance									
	Special Stipend									
	Other									
	Employee Total	\$ 14,529.87		\$ 14,966.26		\$ 15,415.25		\$ 15,877.71		\$ 16,354.04

Total Wages

\$ 77,143.13



BOARD OF SELECTMEN'S OFFICE
272 Main Street, Townsend, MA
(978) 597-1701 selectmen@townsendma.gov

Ross Perry
Interim Town Administrator

Town Administrator Update 3-1-22

Budgets and Town Meeting:

- The budget review last Saturday was productive. Many thanks to the department heads, Finance Committee and Select Board for their participation.
- At the conclusion of the meeting, it seemed that just about all of the budget line items were justified and needed to fund operations for the services that everyone feels are important next year.
- After calculating the tax levy ceiling and accounting for the budget cuts discussed this weekend, the FY 23 budget appears to be \$720,000 in the red.
- Unless additional revenue is obtained, budget cuts will be necessary.
- Another option for consideration is the use of the Stabilization account or a Prop 2 ½ override. A Prop 2 1/2, as unpopular as it is, will leave the Town in a better financial position for FY 24.
- We will continue to work on this budget throughout March.
- Requests for 21 warrant articles were received before the warrant closed this afternoon. I will be working on incorporating them along with normal 'housekeeping' articles for review later this month.

Union contract negotiations:

- Four of the five Collective Bargaining Agreements expire this June. There are MOU's in place from last April that cover wages for FY 23 for three of these agreements.
- Yesterday, I proposed to the union that we simplify the process and sign an MOU to extend the three contracts with previously negotiated wages for one year. This will allow time to update the existing agreements, incorporate previous MOU's and hopefully implement consistent wording between the agreements. For the 4th agreement, I proposed to negotiate only the FY 23 wages and sign another MOU extension for one year.

- The goal is to have MOU's in place and wages settled in time to incorporate the numbers into the May 2022 ATM warrant and avoid the unpleasantness of retro payments at Special Town Meeting next Fall.
- The Union will discuss this proposal.

Dispatch:

- The move to the Patriot Regional Dispatch Center appears to be progressing. A fiber cable is planned to connect the Townsend PD with the dispatch center. Data conversion from the Nashoba center will occur around October with an interim data access from Patriot to Nashoba to ensure data records are available.
- A soft roll out in may and June is planned to verify the new system ahead of the July 1, 2022 switch over.

Gazebo:

- I hear it's condition is very poor. I also hear there are differences in opinion on how it should be repaired/rebuilt.
- Susan Templeton in Senator Cronin's office has helped obtain a \$50,000 earmark from the APRA/Surplus bill specifically for this project.
- If there isn't already, I suggest a Gazabo Renovation Committee be formed to coordinate the repairs.

I will be out of the office the week March 14th – 18th and therefore not at the meeting on 3/15.

Respectfully submitted:

Ross Perry
Interim Town Administrator

List of potential ATM warrant articles, received as of 3/1/22

1. define the 35' "no disturb" buffer (so there's no question)
2. adopt the Community Preservation Act and to set up a committee (to help to fund affordable housing, open space, historic preservation.
3. To see if the Town will vote to raise and appropriate, borrow or transfer from available funds in the treasury the sum of \$8,000 for the purpose of funding the Assessors' FY23 Periodic Inspections and Property Data Verification Program as mandated by the Massachusetts Department of Revenue, Bureau of Local Assessments,
4. I move that the Town vote to amend the following fees in General ByLaw Article 11, Section 37-2, Fee Schedule as follows:
 - For furnishing a certificate of birth: ~~\$7~~ 10.
 - For furnishing a certificate of death: ~~\$7~~ 10.
 - For furnishing a certificate of marriage: ~~\$7~~ 10.
 - For copying any manuscript or record pertaining to a birth, marriage, or death: ~~\$7~~
5. \$15,091.92 left in a warrant article (A25ATM5/3/16 Cable & Peg Access), transfer to MIS
6. Sell Town Owned land off Hamilton Hill Rd.
7. Pay old Unutil bills
8. Accept three parcels from Land Trust:
 - a. Rt 13 N land with Welcome to Townsend sign
 - b. Pheasant Ridge Rd entrance to development'
 - c. Barker Hill Rd
9. add a fee to the tax bill to cover the town's stormwater management obligations
10. Accept provisions on MGL C 40 Sec 57: Tax payments must be current before permits or licenses are issued.
11. Amend the Town Bylaw with policy on requiring current tax payment before issuing permits and licenses

- 12. \$5K to the Town's 300th Anniversary celebration account for 2032.
- 13. Appoint 3 residents to the James H Tucker fund.
- 14. "To see if the Town will vote to transfer back to the Cemetery Sale of Lots account unused funds in the amount of \$10,000.00, originally allocated at the November 28, 2017 Special Town Meeting for the purchase of a dump truck."
- 15. § 145-26 **Residential districts.** raising or keeping of a small flock of fowl
- 16.
- 15. Citizens Petition - withdrawn
- 16: Road Acceptance Harbor Trace Rd
- 17. Road Acceptance Cooperative Way

16. Transfer unspent funds from previous warrant articles to xxxxxxxx

17. Capital Requests

Townsend Highway Department wish to see if the Town will vote to raise and appropriate, borrow or transfer from available funds in the treasury the sum of \$14,400.00 for the purpose to fund the replacement of deteriorating dump body with a new 9ft stainless dump body for 2012 Ford F450 or take any other action in relation thereto.

Several other capital requests

18. ARTICLE XXXX:

To see if the Town will vote to amend Article XI of the Zoning Bylaws, Section 145-26 B (9) to insert the words "dog grooming establishment" between the existing words "commercial kennel" and "animal or veterinary hospital"

18. We may need to have an article to have 4 of the properties (out of the 6) voted by town meeting to be transferred to the AHtrust - something about the fact that the properties were tax takings.

19. Approve Housing Production Plan

**20. Townsend Water Dept
Warrant Article Spring 2022 for FY 2023**

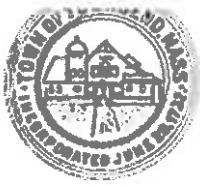
1) To see if the Town will vote to appropriate a sum of money, not to exceed Fourteen Million Nine Hundred Thousand dollars (\$14,900,000.00) be and hereby is appropriated to pay costs of making various water system improvements, including, but not limited to, (i) the design and construction of a PFAS water treatment plant at the Harbor Trace well site, and (ii) the design and construction of a raw water transmission main between the Witch's Brook well site and Harbor Trace well site, and the payment of all other costs incidental and related thereto, and that to meet this appropriation, the Town Treasurer, with the approval of the Board of Water Commissioners, is hereby authorized to borrow said amount under and pursuant to M.G.L. c. 44, §§7 and 8, or pursuant to any other enabling authority, and to issue bonds or notes of the Town therefor. All, or any portion, of this borrowing may be obtained through the Massachusetts Clean Water Trust (the "Trust"). The Board of Water Commissioners, the Treasurer and any other appropriate official of the Town are authorized to execute and deliver any and all agreements and other documents that may be required by the Trust, or by The Commonwealth of Massachusetts' Department of Environmental Protection in connection with any financing to be obtained through the Trust. Any premium received upon the sale of any bonds or notes approved by this vote, less any such premium applied to the payment of the costs of issuance of such bonds or notes, may be applied to the payment of costs approved by this vote in accordance with M.G.L. c. 44, §20, thereby reducing the amount authorized to be borrowed to pay such costs by a like amount.

21: To see if the Town will vote to appropriate the sum of \$1,516,376.00 from the Water Enterprise Fund revenues to operate the Water Department for the fiscal year 2023 and in order to fund the cost of intermunicipal expenses that \$300,000 of the sum be appropriated in the general fund: or take any other action in relation thereto.

22. Capital Financial Articles:

- A) HDPE Pipe Fusion Machine \$25,000
- B) 36 inch Plotter Printer Scanner \$10,000

21.



OFFICE OF THE BOARD OF SELECTMEN

Veronica Kell, *Chairman*
Joseph Shank, *Vice Chairman*
Chaz Sexton-Diranian, *Clerk*

March 1, 2022

NMRSD Finance Subcommittee
Lisa Martin, Chair
Craig Hansen, School Committee
Ranee Rusch, School Committee
Brad Morgan, Superintendent
Nancy Holmes, Business Administrator

Greetings,

The Townsend Board of Selectmen have met on several occasions since May of 2021 to go over the town's financial landscape and seek to find better avenues to improve our fiscal responsibilities to the townspeople. In this timeframe we have identified several important areas within our budget to increase productivity and services to our residents while cutting the actual cost to our bottom line. It is in this mindset that we ask that this subcommittee take another look at the proposed budget assessments submitted to the Townsend selectmen and focus on lessening the burden to our municipality.

As was stated on several occasions in our recent meeting with the selectboards from all three communities that make up the NMRSD, we do understand that this subcommittee has been working hard at a fiscally responsible budget for the school system, but quite simply, Townsend cannot afford this current assessment. This Saturday our Board of Selectmen and our Finance Committee met for six hours hammering out the details to our current 2023 budget. In this session we have had to ~~<reduce employee hours, reduce compensation packages, seek to reorganize staff, and redirect funding to cover our most pressing needs >~~ ~~<reject departmental requests for additional employees, limit hours to part-time in order to keep the number of benefited employees to a minimum while still meeting our contractual obligations, and request level-funded budgets for office expenses>~~ all with an eye on minding our fiduciary responsibility to your taxpayers. After much scrutiny, we find we are not able to provide our town with a balanced budget based largely on the school system's current budget proposal. *We have a deficit \$720,000 deficit.*

Therefore, we are asking that your subcommittee revisit several items within your proposed budget and reduce the assessment to our three districts. *We are requesting that more of the FID account be used.* It is a difficult situation to explain to our residents that Townsend cannot hire staff to improve our municipal services to our taxpayers while the school system is increasing their payroll. It will be even more difficult to explain an override, or a tax increase given that the town has given generous amounts of money to get the current high school built. We trust you will be able to take on this task knowing that we are all working to better both our community and the parents and students we both serve.

Thank you for your time and feel free to contact our office with any questions. We are willing to add you to a Selectmen's Agenda whenever you are available. Your immediate attention is most appreciated.

Respectfully,
Townsend Board of Selectmen

Veronica Kell, Chair

Joseph Z. Shank, Vice Chair

Chaz Sexton-Diranian, Clerk

5.2.1

GG. Revitalization of Downtown Townsend

With Townsend's growth, rich cultural history, and significant interest in reusing vacant buildings as well as developing public areas for outdoor activities in and near the Downtown Commercial District, the Town is seeking to develop a Downtown Townsend revitalization strategy. The strategy would include a plan for reuse of vacant buildings, including the Hart Library and the Old Center Fire Station, development of properties designated as 43D, installation of new or replacement of existing infrastructure, assessment of walkability and wayfinding, pedestrian amenities, as well as construction of a new corridor in the Townsend Downtown Commercial District.

5.2.1

Municipal Aggregation

Ron Montgomery <ron.montgomery2016@gmail.com>

Wed 2/23/2022 3:00 PM

To: Veronica Kell <vkell@townsendma.gov>

Hi Veronica,

The Steve Jorgansen (Freedom Logistics) phone number we provided on our aggregation proposal doc was incorrect. The correct number is

+1 603-892-0026

As there may be manpower issues gathering our bills, Steve has offered to help without obligation. Since Townsend may be one of the few Mass. towns not already on a program Steve is excited to jump in to get us started sooner is better. Electric rates have already climbed since the Fall and rapid increases may occur soon ref Russia / Ukraine. Can we beat the next increase?

Ron

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Re: Energy Committee chair requests telcon

Veronica Kell <vkell@townsendma.gov>

Wed 2/23/2022 11:17 PM

To: ron.montgomery2016@gmail.com <ron.montgomery2016@gmail.com>

Ron,

#3. I don't know that anyone monitors this - or even the costs. Terry (accountant) has the \$ amounts, but I don't know that anyone tracks Kwh, etc.

#4. I don't see why not. Maybe talk to Ross

#5. We are working on this. We have hired Vinny DeSalvo as grant administrator (very part-time; 15 hr/week) to do this for all grants. Have you met him?

#6. Yes, Karen Chapman does the reports for Green Communities; Rob Beauchamp, Facilities Superintendent, manages the scheduling of the work.

The Green Communities grant can be completed over 3 years (at least that's what I remember when I signed it).

As for other things -

The BOS voted not to pursue municipal or community aggregation until we have a permanent Town Administrator. I see there's another email on aggregation. I'll respond to that.

We voted for the Energy Committee to go forward with the Energy Master Plan subcommittee.

Veronica

From: Ron Montgomery <ron.montgomery2016@gmail.com>

Sent: Wednesday, February 23, 2022 10:49 AM

To: Veronica Kell <vkell@townsendma.gov>

Subject: Energy Committee chair requests telcon

Hi Veronica

Approaching TEC meeting March 2nd.

Would like to discuss:

The TEC has historically acted primarily on participating in Green Community Grants.

- 1) TEC charter / mission as exists.
- 2) TEC charter / mission adjustments to accomodate growing climate change /co emmissions part of the mission.
- 3) Who monitors Townsend gov'mt spending on energy? How much do we use Kwh and Cff not just dollars.
- 4) Can TEC have access to the energy usage database?
- 5) Understand the process in place to execute and manage awarded grant activities. Results charting over time.
- 6) Can we geze a progress report on existing grant activity? Can't get more until done w previous.

Other

Ron
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