

MassDEP Grant & Funding Opportunities

May 30, 2023

Greg Devine

State Revolving Fund for Water Infrastructure Projects

John Fischer

Waste Reduction & Recycling

Haidee Janak

Transportation Branch Grants

David Foss

Brownfields Resources

State Revolving Fund for Water Infrastructure Projects

Greg Devine

Overview of the Massachusetts State Revolving Fund (SRF) Program

Each year MassDEP develops the Intended Use Plan (IUP), committing funding to projects throughout the state for both Clean Water (CW) and Drinking Water (DW) SRFs.

**Clean Water SRF (CWSRF) Annual Funding:
Almost \$903 Million for 2023**

Established in 1987 as an amendment to the Federal Water Pollution Control Act of 1972 (aka Clean Water Act).

PROJECTS INCLUDE:

- Wastewater Treatment Improvements
- Collection Systems
- Combined Sewer Overflow (CSO) Correction
- Stormwater Management
- Infiltration/Inflow (I/I) Remediation
- Sewer System Rehabilitation Projects
- Non-Point Source (NPS) and Nutrient Enrichment Mitigation
- Planning and Projects

**Drinking Water SRF (DWSRF) Annual Funding:
Almost \$431 Million in 2023**

Established in 1996 as amendments to the Federal Safe Drinking Water Act.

PROJECTS INCLUDE:

- Drinking Water Treatment Improvements
- Transmission and Distribution Projects
- Source Protection and Storage Improvements
- Planning and PFAS Design Projects
- Lead Service Line Replacements

Project Selection Criteria

PROBLEM DEFINITION IS PARAMOUNT

Does this project mitigate...

Public Health Impacts

- Exposures
- Frequency
- Seriousness



Environmental Impacts

- Resource(s) Affected
- Frequency
- Seriousness

Priority Project Categories

- Lead Service Line Replacement
- PFAS Remediation
- Combined Sewer Overflow Control

Project Selection Criteria (cont'd)

PROJECT EVALUATION FORM – PROJECT RANKING FRAMEWORK

Tier V Projects

- Drinking Water projects proposed to protect public health by addressing compliance with a Federal or State drinking water standard or correcting a water contamination issue. (Examples include lead service line removal, Per- and polyfluoroalkyl substances (PFAS) in drinking water, or water treatment system failure).

Tier IV Projects

- Drinking Water projects proposed to protect public health by addressing imminent threats to the reliable delivery of drinking water to a population, including threats caused by expected climate change impacts. (Examples include treatment systems near failure due to critical component failure or beyond useful life)

Tier III Projects

- Projects proposed to address water quality conditions as a result of Secondary Maximum Contaminant Level (SMCL) exceedances that make the water currently provided to customers aesthetically unfit to drink and results in consumers using or seeking an alternative water supply.

Tier II Projects

- Projects to upgrade or rehab non-critical water treatment components or proposed to meet future regulation or standard changes.

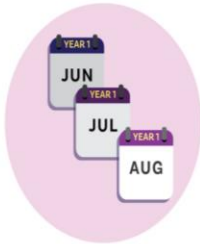
Tier I Projects

- Drinking water projects that are proposed to install, replace, or upgrade water system components that have an indirect connection to providing safe drinking water.

State Revolving Fund Loan Process

YEARS 1-2

STEP 1
Project Proposals
Accepted Between
June - August, YEAR 1



STEP 2
Final Intended Use
Plan Publication
May, YEAR 2



STEP 3
Town Meeting/
City Council Vote
June 30, YEAR 2



STEP 4
Loan Application
Deadline
October, YEAR 2



STEP 5
Loan Commitment
Deadline
December 30, YEAR 2



YEAR 3-ON

STEP 6
Project Bidding
Timeframe between
January 1 -
June 30, YEAR 3



STEP 7
Contract Award
Deadline for Loan
Forgiveness
June, YEAR 3



STEP 8
Loan Agreements
Approved and
Executed



STEP 9
Project Funding
Begins



STEP 10
Loan Repayment
Could Begin Once 50%
Project Funds Drawn



Loan Terms and Fees

| | Permanent Financing | Interim Financing |
|------------------------------------|-----------------------------------------------------|-------------------|
| Standard Loan Rate | 2% (20 Years) Calculated (30 Years) ¹ | 0% |
| Housing Choice Loan Rate | 1.5% (20 Years) ² | 0% |
| Nutrient Enrichment Reduction Rate | 0% | 0% |
| PFAS Remediation Rate | 0% | 0% |
| Maximum Term | 30 Years ³ | 3 Years |
| Administrative Fee | 0.15% | NA |
| Origination Fee (One Time) | Approx. \$5.00/\$1,000 | NA |
| Effective Loan Rate | 2.15% (20 Years) | 0% |

Other Subsidy Programs Offered by the Trust



- **Asset Management Planning Grants**
The program provides a 60% grant or \$150,000, whichever is less, 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.
- **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.
- **LSL Planning Grant Program** - \$20 million are being offered in grants for planning activities that assist public water suppliers with completing planning projects for lead service line inventories and replacement programs.

Massachusetts SRF Resources

SRF Program

[State Revolving Fund Program](#)

CWSRF Program

[SRF Clean Water Program](#)

DWSRF Program

[SRF Drinking Water Program](#)

How to Get an SRF Loan

[Getting an SRF Loan](#)

MassDEP Water Grants & Loans

[MassDEP Water Grants & Loans](#)

MassDEP SRF Loan Applications & Forms

[State Revolving Fund Applications & Forms | Mass.gov](#)

Lead Service Lead Inventories & Replacement Plan Guidance

[LSL Inventory Grant Guidelines](#)

[LSL Replacement](#)

PFAS (Design + Construction)

[PFAS Funding Opportunities](#)

Combined Sewer Overflows

[CSO Elimination & Removal](#)

Nutrient Removal

[Nutrient Removal](#)

Get in Touch



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Website
<https://www.mass.gov/orgs/the-massachusetts-clean-water-trust>

MassDEP Waste Reduction and Recycling Grants

John Fischer

Sustainable Materials Recovery Program

- Grant application open now!
- Application deadline: June 14
- Estimated budget - \$4.5 million
- For more information: <https://www.mass.gov/how-to/apply-for-a-sustainable-materials-recovery-program-smrp-municipal-grant>
- Minimum eligibility criteria
 - Buy Recycled Policy
 - Submit Recycling & Solid Waste Survey (Deadline 2/15/2023)
 - Waste Ban Compliance

Sustainable Materials Recovery Program

- **Recycling Dividends Program**
 - \$3-3.5 million in awards for about 265 municipalities
 - Receive points for meeting program criteria – receive payment based on number of points and population size
 - 12 program categories
 - Modified criteria for 51 environmental justice municipalities
 - Regional small scale initiatives – regional solid waste/recycling groups only
 - Approved spending categories for payments earned & submit spending report
 - \$7 million carried over into FY 2023

PAYT and Equipment Grants (through SMRP)

- Pay As You Throw Grants – up to \$300K
- Universal Waste Sheds – up to \$5K
- Organics Carts – \$20/cart up to \$105K
- Mattress Collection Containers – up to \$10K
- HHW Permanent Collection Centers – up to \$50K for single municipality/\$250 K for regional

School Green Team

- Interactive school education program – waste reduction, reuse, recycling, composting, energy conservation and pollution prevention
- Educational tools, lesson plans, activities – aligned with curriculum frameworks
- Recognition and prizes
- Recycling and composting equipment, idling reduction signs
- This year – 243 participating schools and 60,000 students
- www.thegreenteam.org

RecycleSmart

- Recycling education and outreach tool
- Recycling guidance in multiple languages
- Learn more at <https://recyclesmartma.org/>
- View Beyond the Bin listings at <https://recyclesmartma.org/beyond-the-bin-search/>
- Sign up as partner at <https://recyclesmartma.org/become-a-partner/>

RecyclingWorks in Massachusetts

- Primarily business assistance for waste reduction, reuse, recycling and composting
 - Robust website
 - Searchable service provider database
 - Technical assistance via email, phone and in person
 - Newsletter, meetings, and workshops
 - www.recyclingworksma.com
- Have worked with municipalities and public schools
- Also offer compost site technical assistance for any compost operation taking food materials

Transportation Branch Grants

Haidee Janak



MassDEP Transportation Branch Grants

- MassEVIP Programs
- Diesel Vehicle and Equipment Replacement Programs



Massachusetts Electric Vehicle Incentive Program (MassEVIP)

- Workplace & Fleet Charging (WPF)
- Multi-Unit Dwelling & Educational Campus Charging (MUDC)
- Public Access Charging (PAC)
- Direct Current Fast Charging Program (DCFC)
- Fleets



MassEVIP Program Overview

Workplace & Fleet Charging (WPF)

- \$6.25M allocated
- Rolling program, up to \$50,000 per address

Multi-Unit Dwelling & Educational Campus Charging (MUDC)

- \$2.5M allocated
- Rolling program, up to \$50,000 per address

Public Access Charging (PAC)

- \$15M allocated
- Rolling program, up to \$50,000 per address

Direct Current Fast Charging Program (DCFC)

- \$13.1M allocated, competitive program
- Awardees announced February 2022
- up to \$50,000 per station

Fleets

- ~\$2.0M allocated, for electric vehicles (EVs)
- Rolling Program, up to 25 vehicles per entity

MassEVIP Funding Levels

MassEVIP Level 1 and Level 2 funding is capped at \$50,000 per address

| | Level 1 | Level 2 | Direct Current Fast Charging |
|--------------------------------|-------------------------------|-------------------------------|------------------------------|
| Private Fleets | 60% | 60% | N/A |
| Public Fleets | | | |
| Workplace | | | |
| Educational Campus | | | |
| Public | 100% govt-owned; 80% other | 100% govt-owned; 80% other | |
| Multi-Unit Dwelling (5+ units) | 60% | | N/A |
| Residential (1 - 4 family) | N/A | | |





MassEVIP Charging Program Details

DCFC – Awarded Feb. 2022

- Minimum 50kW per station
- CHAdeMO and CCS connectors for each port
- Practically accessible to the general public, 24/7

MUDC

- Level 1 & 2 charging stations
- Up to 60% of eligible costs
- Multi-unit dwellings with 5+ units
- Campuses with 15+ students on-site
- Practically accessible to all students/staff/residents

WPF

- Level 1 & 2 charging stations
- Up to 60% of eligible costs
- Workplaces with 15+ employees on-site
- Practically accessible to all employees
- Electric fleet vehicles must be garaged in MA
- Non-residential location

PAC

- Level 1 & 2 charging stations
- Up to 100% of eligible costs on government property, 80% for non-government property
- Practically accessible to the public, min. 12 hrs/day, 7 days/week
- Non-residential location



MassEVIP Fleets Program

- Open to public entities only
- Funding to purchase or lease electric vehicles
 - Up to \$7,500 for Battery Electric Vehicles (BEVs)
 - Up to \$5,000 for Plug-in Hybrid Electric Vehicles (PHEVs)
 - \$750 for Zero emission Electric Motorcycles (ZEMs)
- Charging station funding available under the Workplace and Fleet Charging program

MassEVIP Requirements

| | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|
| EVSE not ordered until an approval letter has been sent, not delivered and no work done (if applying for installation funding) until grantee has a MassDEP-signed contract | Charging station can support vehicles from multiple manufacturers | Charging station must be new |
| Level 1 or 2 charging station is Energy Star certified and listed in State Appliance Standards Database (SASD) | Charging station is certified to Underwriters Laboratories (UL) standards by a Nationally Recognized Testing Laboratory (NRTL) | 1 designated parking space for each port, reserved for EV parking only |
| 5% of charging stations built to be accessible to persons with disabilities | Grantee shall operate and maintain charging station for 3 years | ..and others |



Eligible & Ineligible Costs:



Hardware

- A console wired into the electrical supply
- A cable and connector to plug into the EV
- Cable management strategy (e.g., coil, retractable, etc.)
- Mounting hardware, either pedestal or wall.
 - Pedestal: hard wired to a permanent pole or box
 - Wall: hard-wired to a wall and typically includes a mounting plate
- Separate payment module
- Shipping/Freight for "Costs Covered"

Installation

- Upgrading the electric supply
- Construction costs related to installation (including ADA EV Parking space)
- Signage and pavement painting

Ineligible

- Land/parking space purchase or lease
- Software subscription
- Warranty
- Taxes
- Internet connection or cell signal
- Planning or permitting for the project
- Shipping/Freight for "Costs not Covered"
- Bollards, curbs, wheel stops, setbacks, bumper guards
- Electricity consumption and demand charges
- Preventative and corrective maintenance on EV charging station
- Others as determined by MassDEP

DERA and VW Settlement Programs

Diesel Emissions Reduction Act (DERA)

- \$1.8 million Open Solicitation 2021
- \$2.1 million Electric Solicitation 2022
- 25-45% project coverage depending on replacement fuel (45% is to go all-electric)

VW Solicitations

- \$7.5 million Open Solicitation 2019
- \$7.5 million Electric Solicitation 2023 (opening soon)
- Percentage coverage allowed higher than DERA



VW Settlement Grant Programs

Total Funding

- \$75 million allocated to MA for NOx reductions
- To be spent over the next 10 years
- Eligible equipment includes medium- and heavy duty trucks, tugboats and ferries, airport ground support equipment

Goals

- Reduce greenhouse gas and other pollutant emissions from the transportation sector
- Promote electrification of the state's transportation network
- Foster equitable distribution of funding across Massachusetts by considering projects' geographic locations and benefits to environmental justice communities.

Funding Allocation

- \$48.8 million to regional transit authority electric buses and chargers
- \$11.3 million for the purchase and installation of light-duty electric vehicle charging infrastructure
- \$7.5 million to a new electrification-only VW Open Solicitation offering
- \$7.5 million to a prior VW Open Solicitation offering
- \$50,000 to administrative costs associated with grant disbursements.

DERA Grant Program

Funding

- Annual funding from Environmental Protection Agency (EPA) to projects that reduce diesel emissions from vehicles and equipment
- MassDEP can match for a bonus
- Annual grants (but leftover money will rollover)

Goals

- Reduce NOx and other pollutant emissions from the transportation sector
- Promote electrification of the state's transportation network
- Foster equitable distribution of funding across Massachusetts by considering projects' geographic locations and benefits to environmental justice communities

Annual Funding Allocation

- ~ \$350k
- MassDEP match + EPA bonus = ~ \$850-\$900k annual funding available
- Project percentage covered decided by EPA
- 45% to replace with all electric
- 2022 program was electric only
- Eligible equipment includes medium- and heavy-duty trucks, transportation refrigeration units, marine vessels, locomotives

Transportation Branch Resources

- All Grants - <https://www.mass.gov/lists/massdep-air-climate-grants-assistance>
- MassEVIP Matrix - <https://www.mass.gov/doc/matrix-of-massevip-grant-programs/download>
- MassEVIP FAQ - <https://www.mass.gov/doc/massevip-frequently-asked-questions/download>
- EPA DERA Site - <https://www.epa.gov/dera>
- VW Settlement Info - <https://www.mass.gov/guides/volkswagen-diesel-settlements-environmental-mitigation>

MassEVIP.MassDEP@mass.gov

vw.settlement@mass.gov



Brownfields Resources

David Foss
Statewide Brownfields
Coordinator



MassDEP

Commonwealth of Massachusetts
Department of Environmental Protection

MassDEP BWSC Brownfields Team

- SERO Angela Gallagher & Kait Carvalho
- CERO Kevin Daoust & Amy Sullivan
- WERO Caprice Shaw
John Ziegler (DRD)
- NERO Joanne Fagan



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MassDEP Brownfields Program - 128a BIL

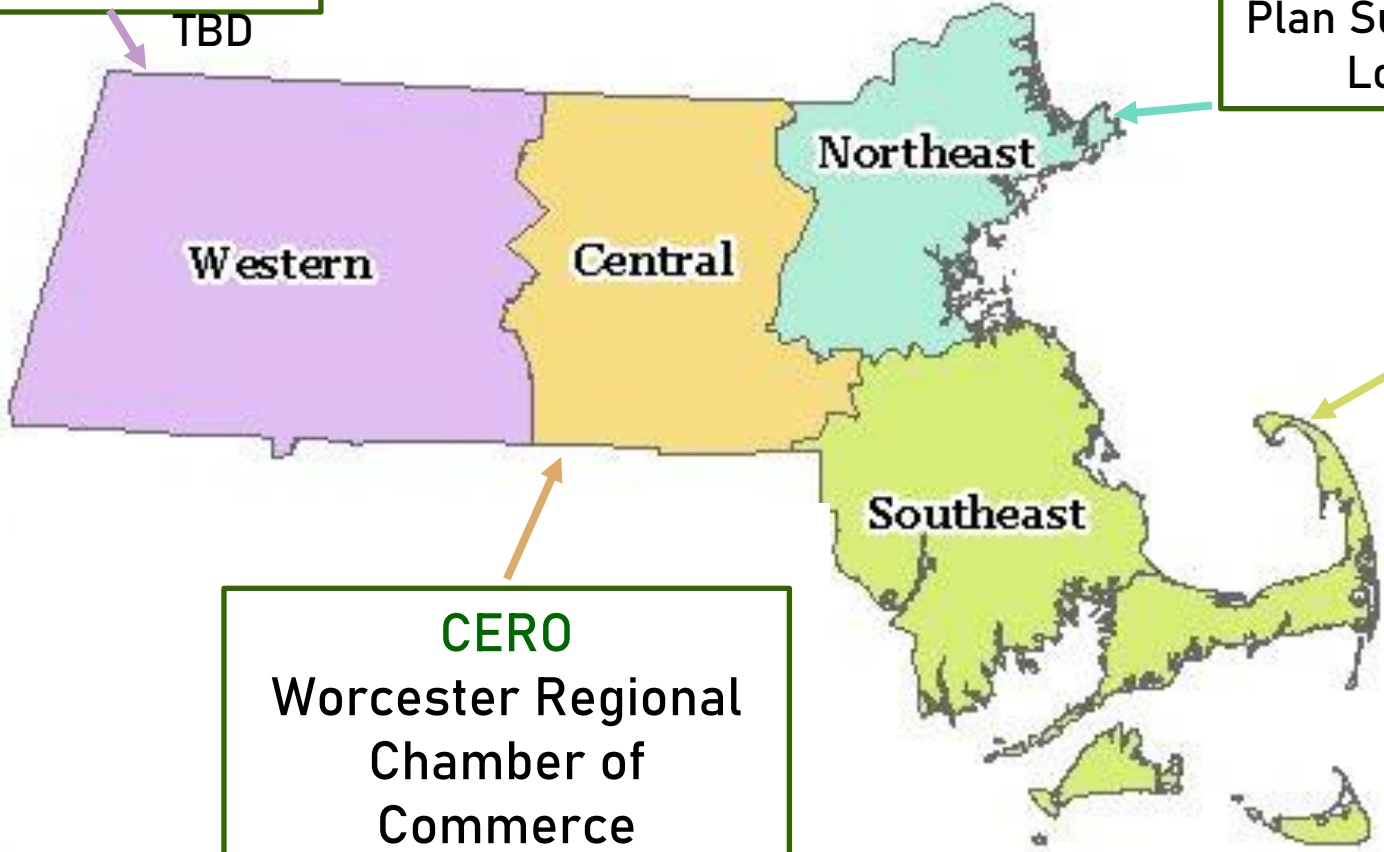
- \$900,000 in EPA BIL Funding - January 2023
Goal similar funding in years 2-5 (\$4.5M over 5 years)
Implemented by SARSS & IRASS Contractors
- Site Assessment & Cleanup Projects in all four DEP Regions
- Most sites are in EJ areas & owned / controlled by municipalities
- Sites prioritized by Regional Brownfields Coordinators:
Brimfield, Fitchburg, Wareham
Southbridge, Bridgewater, Peabody



Outreach – Brownfields Roundtables

WERO
Plan Fall 2023
Location:

TBD



NERO
Plan Summer 2023
Location:

TBD

SERO
Old Colony
Planning Council
Brockton
May 17, 2023

CERO
Worcester Regional
Chamber of
Commerce
Worcester (Zoom)

March 15, 2023



Common Brownfields Funding Sources

- MassDevelopment – Brownfields Redevelopment Fund
- US EPA
- DOR – Brownfields Tax Credits
- CERP – Clean Energy Results Program

Mass.gov Search Mass.gov SEARCH

Executive Office of Housing and Economic Development > EOHED Programs and Grants

OFFERED BY Executive Office of Housing and Economic Development

Community One Stop for Growth

The Community One Stop for Growth is a single application portal and collaborative review process of grant programs that make targeted investments based on a Development Continuum.

TABLE OF CONTENTS

- ✓ About the One Stop
- ✓ How to Apply
- ✓ One Stop Resources

Feedback

FY23 MARC Grant Offerings

| Grant Type/Selection List | Maximum Project Period | Maximum Amount Per Grant | Estimated # of Awards | Total Per Grant Type | |
|----------------------------|------------------------|--------------------------|-----------------------|-------------------------------------|----------------------------|
| | | | | Bipartisan Infrastructure Law Funds | Regular Appropriated Funds |
| Multipurpose | 5 yrs | \$800,000 | 17 | | \$14.0 M |
| Assessment (States/Tribes) | 5 yrs | \$2,000,000 | 17 | \$35.0 M | |
| Assessment Coalitions | 4 yrs | \$1,000,000 | 20 | | \$20.0 M |
| Assessment (CW) - New | 4 yrs | \$500,000 | 36 | | \$18.0 M |
| Assessment (CW) - Existing | 4 yrs | \$500,000 | 25 | | \$12.5 M |
| RLF (New) | 5 yrs | \$1,000,000 | 10 | \$10.0 M | |
| Cleanup | 4 yrs | \$500,000 | 40 | \$20.0 M | |
| Cleanup | 4 yrs | \$1,000,000 | 25 | \$25.0 M | |
| Cleanup | 4 yrs | \$2,000,000 | 8 | \$15.0 M | |
| | | | 198 | \$105 M | \$64.5 M |

NO COST SHARE **Amounts are subject to change**

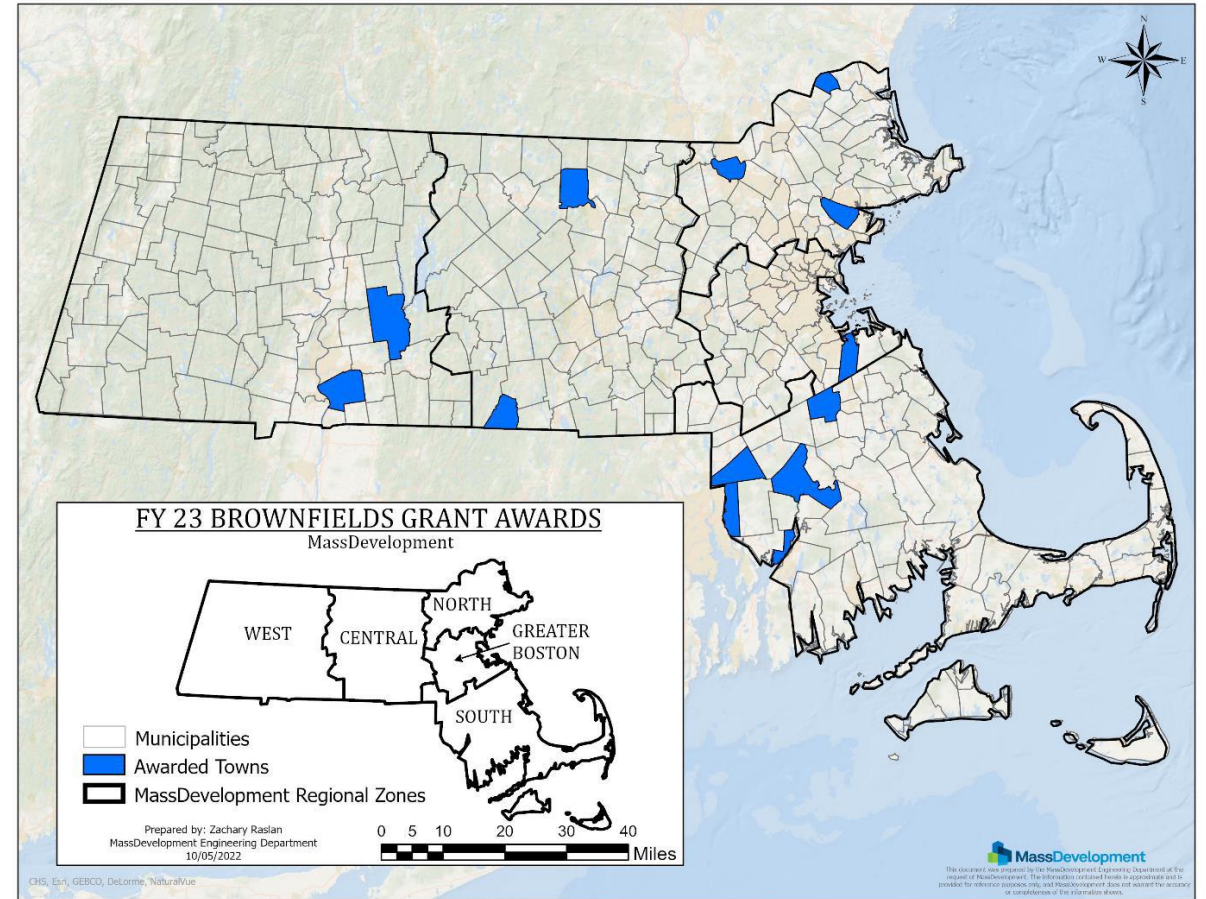
MassDevelopment Brownfields Financing

- \$92M Total Funding since FY1999
- Assessment up to \$250,000
- Remediation up to \$750,000
- Subject to M.G.L. Ch. 21E



**COMMUNITY
ONE STOP
FOR GROWTH**

mass.gov/onestop



MassDevelopment Brownfields - Eligible Entities

- Municipalities and their agencies
- CDCs
- EDICs
- Economic Development Authorities; and
- Certain Nonprofit organizations

Undertaking a project with a demonstrable public benefit that already has an identified development opportunity with a committed developer in place.



<https://www.mass.gov/guides/community-one-stop-for-growth>

Submit your One Stop Application

One Stop for Growth Applications are now being accepted.

The deadline for submission is Friday June 2, 2023.
DO NOT BE LATE!!!!

EPA – Grant Programs



| Grant Type | Description | Grant Funding Amounts |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| Assessment | To develop inventory, characterize, conduct assessment to determine if sites are contaminated (if so, to what extent), perform community involvement, and plan for cleanup | \$500K - \$2M |
| Cleanup | For eligible municipalities and nonprofits to clean up contaminated properties | \$500K - \$2M |
| Revolving Loan Fund | For larger organizations to capitalize funds for issuing cleanup loans and subgrants | \$1M (Initial) |
| Multipurpose | For a flexible range of planning, assessment, and cleanup activities within a certain target area | \$800K |

EPA Funding Massachusetts FY2024 Awards

| FUNDING SUMMARY | |
|----------------------|----------|
| Total | \$13.79M |
| EJ Communities | \$ 8.44M |
| RPCs / Partial EJ | \$ 4.35M |

Approximately
3X FY23 Funding!!

\$11.79M North &
West of Worcester

| Grantee | Type | Amount | Source | EJ |
|--------------------------------------|------------------|-------------|--------|---------|
| Adams, Town of | Assessment | \$500,000 | | EJ |
| Berkshire Reg. Planning Commission | RLF Supplemental | \$2,350,000 | BIL | partial |
| Chelsea, City of | Assessment | \$500,000 | | EJ |
| Franklin Reg. Council of Governments | Assessment | \$500,000 | | partial |
| Franklin, Town of (21 Grove Street) | Cleanup | \$500,000 | BIL | |
| Lynn, City of (83 Willow Street) | Cleanup | \$500,000 | BIL | EJ |
| Methuen, City of | Assessment | \$500,000 | | EJ |
| Montachusett Reg. Planning Comm. | Assessment | \$500,000 | | partial |
| New Garden Park, Inc. (Worcester) | Cleanup | \$2,000,000 | BIL | EJ |
| Old Colony Planning Council | Assessment | \$500,000 | | partial |
| Pioneer Valley Planning Commission | Assessment | \$500,000 | | partial |
| Springfield, City of | Assessment | \$500,000 | | EJ |
| Ware, Town of (31 Monroe Street) | Cleanup | \$500,000 | BIL | EJ |
| Westford, Town of (12 North Main St) | Cleanup | \$500,000 | BIL | |
| Westmass Area Dev. Corp. (Ludlow) | Cleanup | \$740,000 | BIL | EJ |
| Worcester, City of | RLF Supplemental | \$2,700,000 | BIL | EJ |

Intra & Interagency Coordination



MassDEP

Commonwealth of Massachusetts
Department of Environmental Protection

NEWMOA

NORTHEAST WASTE MANAGEMENT OFFICIALS' ASSOCIATION



BCONE

BROWNFIELD COALITION OF THE NORTHEAST

Brownfield Coalition of the Northeast

September 19 & 20, 2023

Location: AC Hotel, Worcester, MA

MGL 21E Ch 2. Brownfields Liability Relief

The Brownfields Act established statutory liability relief for certain parties undertaking brownfields projects. Parties interested in determining if they are eligible for this protection should refer to MGL 21E Chapter 2, and consult with an attorney with expertise in liability relating to OHM releases.

- Eligible Person
 - “Eligible” Owners & Operators
 - Downgradient Property Owners
 - Tenants
 - Redevelopment Authorities & CDCs
 - Secured Lenders

Relief After Meeting Cleanup Standards

- No Significant Risk
- Permanent Solution or ROS

[Link to the MCP](#)

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