EARTH DAY 2020

CELEBRATING LEADING BY EXAMPLE EFFORTS ACROSS THE COMMONWEALTH



In recognition of the 50th Anniversary of Earth Day, and with an eye toward the challenging times facing us today, the LBE team would like to take this opportunity to recognize and celebrate the long list of sustainability accomplishments at state agencies and campuses over the past decade. Please join us in acknowledging our collective efforts that are helping to green state operations while leading the way toward a cleaner Commonwealth and future. *This is the second in a series of daily communications we will be sending this Earth Week.*

SUSTAINABLE LANDSCAPING ACCOMPLISHMENTS

APPLAUDING THE STATE ENTITIES THAT HAVE ADOPTED PRACTICES TO SUPPORT POLLINATOR-FRIENDLY HABITATS

Agency/Campus	# of Habitats	Acres of Habitat
Bristol Community College	1	<1
Dept of Conservation and Recreation	31	183
Dept of Correction	3	6
Dept of Mental Health - Taunton State Hospital	2	5
State Police	2	18
Division of Fisheries and Wildlife	1	2
MA College of Art and Design	1	<1
MA College of Liberal Arts	2	<1
Massasoit Community College	3	2
MassDOT	15	27
North Shore Community College	1	1
Quinsigamond Community College	1	<1
UMass Amherst	6	19
UMass Lowell	3	<1

We also applaud the state entities that have adopted **battery-powered landscape equipment** as a cleaner alternative to traditional equipment:

- DCR Walden Pond
- MassDOT Aeronautics
- UMass Amherst
- UMass Lowell

Massachusetts Leading by Example
Sustainable Landscapes at State Sites

260+

Total Acres of Sustainable Landscaping & Green Roofs at MA State Sites

221	29	0.8	89
Acres of Limited Mow Zones	Acres of Managed Wildflower Meadow and Pollinator Gardens	Acres of Green Roofs	Number of Pollinator Habitats
39 Acres Since 2015	*23 Acres Since 2015*	*0.1 Acres Since 2015*	*59 Habitats Since 2015*

Over 260 acres of pollinator-focused habitats have been created on state lands in the form of "limited mow" zones, tilled and seeded wildflower meadows, planned gardens, and green rooftops.

Key benefits include:

- Expansion of key habitats for imperiled species
- Reduce fuel use and GHG emissions from less frequent mowing
- Resilience to flooding through improved water uptake and infiltration
- Reduce mowing, staff time, and associated costs
- Reduce need for irrigation, pesticides, fertilizers
- Enhance aesthetic value in comparison to mono-culture lawns



More information about these accomplishments and others can be found on the LBE Interactive Map

Brought to you by the Leading by Example Program at the Department of Energy Resources