



# BRINGING NATURE BACK

## Green Infrastructure for Medway!

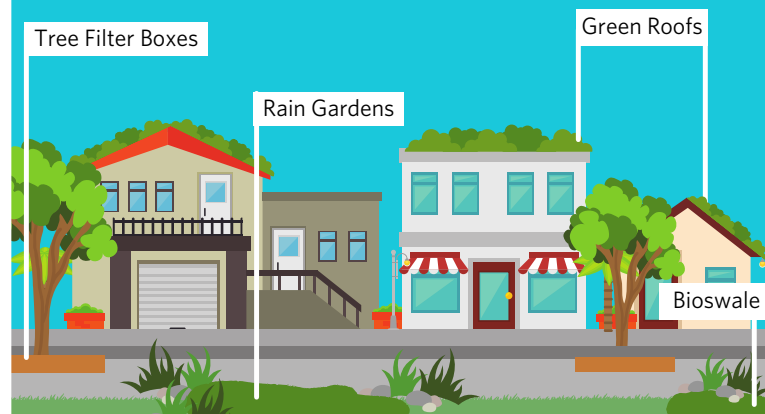
### Stormwater pollution is one of the greatest threats to a clean Charles River.

When it rains or snows, water runs off our roofs, sidewalks, driveways, and roads—all the impervious surfaces that make up our built environment—picking up pollution along the way.

Medway's traditional stormwater pipes create a **super-highway for pollution**, bringing it straight to the Charles River. This polluted runoff degrades the river ecosystem—carrying excess nutrients that cause invasive species growth and cyanobacteria blooms.

### But, we're bringing nature back!

We are designing **Green Stormwater Infrastructure** for Medway High School & Middle School to curb stormwater pollution, build climate resilience, and restore our shared environment.



**GREEN STORMWATER INFRASTRUCTURE** are urban design solutions that mimic the natural water cycle to clean stormwater runoff of pollution, build climate resilience and wildlife habitat, and beautify our neighborhoods.

## Green Stormwater Infrastructure will...

-  IMPROVE WATER QUALITY
-  MITIGATE FLOODING
-  COOL OUR NEIGHBORHOOD
-  CREATE DROUGHT RESILIENCE
-  BOOST BIODIVERSITY
-  BUILD WILDLIFE HABITAT
-  CREATE A GREENER, HEALTHIER MEDWAY!

This project is funded by the Massachusetts Department of Environmental Protection (DEP) Section 604(b) Water Quality Management Planning Grant.

### What are we planning?

We're developing concept designs for **rain gardens** and **infiltration chambers** for Medway Middle School & High School.



RAIN GARDEN



INFILTRATION

### What are the benefits?

These projects will help the Town of Medway meet phosphorus reduction requirements, prevent flooding in extreme weather, make the drinking water supply more resilient to drought, and increase local greenspaces to cool neighborhoods.

### What are the next steps?

Once designs are complete, the Town of Medway will begin looking for opportunities and funding to build the projects!

### QUESTIONS?

Contact Stephanie Carlisle, [scarlisle@townofmedway.org](mailto:scarlisle@townofmedway.org).

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