



# Aquatic Ecosystem Restoration



Marsh and Egrets near Boston's South Shore. Photo: Eugene Kim

## INVESTMENT SCALE

Low \$ \$ \$

## DEPLOYMENT SPEED

Moderate to Fast

## DESCRIPTION

*Aquatic Ecosystem Restoration* replaces or removes harmful water management infrastructure, such as dams and culverts, to restore tidal flows and revitalize aquatic ecosystems. The program also improves stormwater management and flood control near these bodies of water.

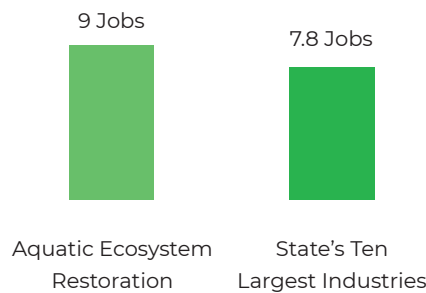
## BENEFITS

Protecting and restoring vital ecosystems in the Commonwealth delivers major employment opportunities and social benefits to the public. Investing in *Aquatic Ecosystem Restoration* creates jobs in architecture, engineering, construction, and landscaping, and long-term savings for the state by avoiding costly flood management and infrastructure repairs. Recreation, physical activity, and safety benefits have the potential to unlock significant improvements in public health.

## RESULTS

Supports 9.0 jobs per million dollars invested, compared to 7.8 jobs per million dollars invested in the state's ten largest industries. Additionally, healthy wetlands and vegetation capture and store carbon dioxide, creating around \$110,000 in climate benefits per million dollars invested.

## JOBS PER MILLION INVESTED



## TOP OCCUPATIONS

- 1 Landscaping Workers
- 2 Construction Laborers
- 3 General and Operations Managers
- 4 Retail Salespersons
- 5 Carpenters

## BENEFITS PER MILLION INVESTED



### Climate Benefits

\$113,600

Avoided future damages of climate change from greenhouse gas pollution

## ADDITIONAL BENEFITS

### *Aquatic Ecosystem Restoration* would increase

- Public health and safety benefits
- Recreation and tourism
- Property value

### While decreasing

- Storm and flood damages
- Infrastructure maintenance costs