

COMMUNITY-BASED IMPLEMENTATION OF STORMWATER MANAGEMENT Hen Cove, Pocasset, Massachusetts

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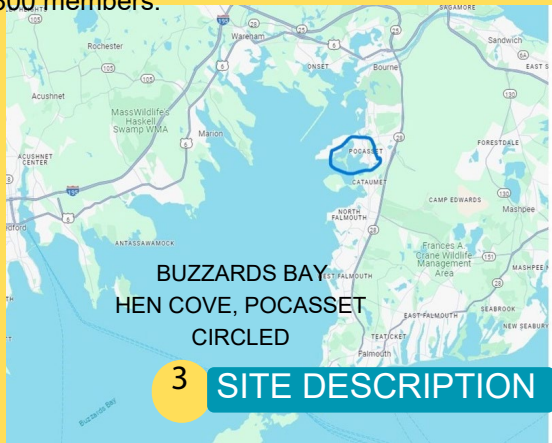
1 PROBLEM

- One hundred year old cottage community with NO storm water controls
- Decades of uncontrolled storm water runoff led to degraded water quality in Pocasset, MA
- Head of Cove shellfish closure for over 40 years.



2 WHO ARE WE?

Pocasset Water Quality Coalition (PWQC) formed in 2019 as a result of citizen outrage over degrading water quality. Current membership is over 300 members.



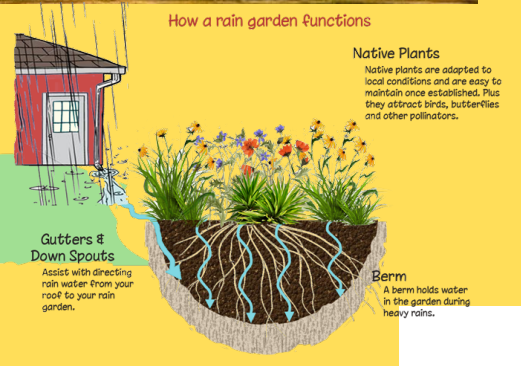
3 SITE DESCRIPTION

4 OUR APPROACH



Community implemented storm water management using bio retention cells/rain gardens

5 RAIN GARDENS



6 DESIGN TECHNIQUES

- Estimate run-off volumes
- Surveying
- Wetland Delineation
- Horizontal layout
- Planview and Crossview Sketches

7 WORK PLAN

Includes donated equipment operators, gardeners, laborers as well as equipment and materials.

8 SCHEDULE

- 2024 Rain Garden #1
- 2025 Rain Garden #2 and #3

9 EDUCATIONAL OUTREACH

Collaborations with students and staff from Upper Cape Cod Regional Technical and Bourne Public Schools in hands on, project based learning will lead them to become problem solvers and committed to protecting the watershed now and in the future with sustainable and holistic management technology.



Scan here to find out more about PWQC.