SAVIN HILL COX

By: Danielle Hughes

ME

Brief

Restoration of the salt marsh



 1st site visit Revealed Trash and Debris
Broken down docks that need to be removed

Marsh Plant life



•Smooth cordgrass (Spartina alterniflora)

•Sea lavender (*Limonium latifolium*)

•Glasswort (*Salicornia* virginica)

Common reed (*Phragmites australis*)



Walkway along Savin Hill Cove



• Safety for pedestrians

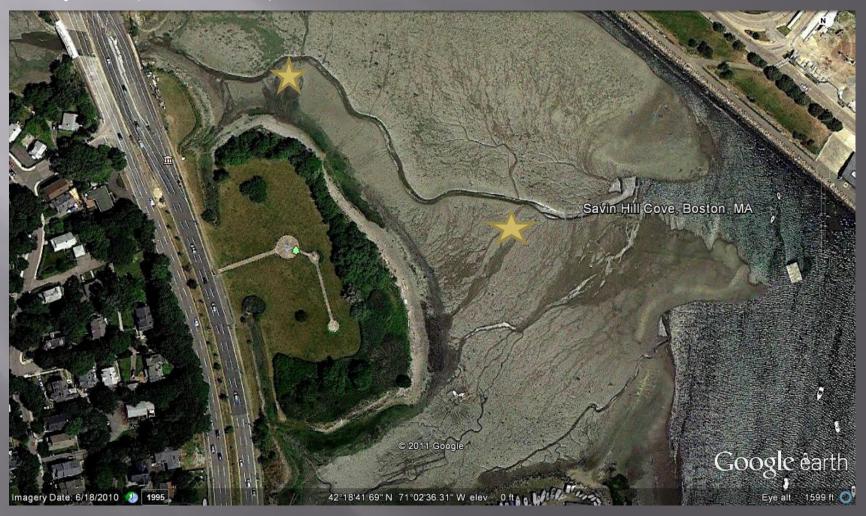
•Marsh Growth in front of rocks

•Find a better solution for the side walk along the road





We found 3 Native oysters (*Crassostrea virginica*), and 21 European oysters (*Ostrea edulis*), in two different channels in Savin Hill Cove.



Savin Hill Cove Progress

*What Danielle is working on:

- Collecting data about the water quality, clarity, and bacteria levels(MWRA).
- Testing the sediment to find out what pollutants are found there.
- Counting and aging the oysters.
- *Comparing oysters found at nearby sites to try and understand where they have come from.
- Looking into different styles of walkways to find the least invasive for the marsh.
- Researching other marsh restoration projects to find out how to Restore the marsh without hurting the oysters.

Bill is working on understanding what permits we would need in order to restore the salt marsh