

A scenic view of Savin Hill Cove. In the foreground, there is a rusted metal structure, possibly a remnant of a ship or industrial equipment, partially obscured by tall grass and weeds. The middle ground shows a body of water with a small boat. In the background, a large, multi-story brick building, likely a university or government building, is visible under a blue sky with some clouds. The text "SAVIN HILL COVE" is overlaid in large, gold, serif font at the top of the image.

# SAVIN HILL COVE

Brief presentation

By: Danielle Hughes



# Restoration of the salt marsh



- ▣ 1<sup>st</sup> 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





# Oysters

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