Savin Hill Cove Salt Marsh Restoration Project

Second Abstract

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The Savin Hill Cove Restoration team has been communicating with John O’donnell to find out what the next steps would be in order to restore the salt marsh. He has brought up several actions that need to be taken; we are going to try and focus on the first steps and lay the way for the next team. These first steps included the laws and regulations that need to be followed in order to proceed with the project.

I will be doing a biodiversity assessment to try and understand what is living there now and where, so that we have a clearer view of how to restore the salt marsh. I have compiled the MWRA data on water clarity, bacteria, nutrients, temperature and salinity. Anamarija Frankic found oysters at the Savin Hill Cove so I will be working on counting and aging the oysters and comparing them to oysters found at nearby sites to try and understand where they have come from. In the lab we are also working on sediment analysis to see what organic contaminants and heavy metals are found in the sediment.

Finally, I will be looking at other marsh walkways to find the right walkway for the site so that humans and organisms can coincide harmoniously. I will be researching other marsh restoration projects to understand how to restore the marsh without hurting the oysters. My partner Bill will be focusing on the laws and regulations that need to be followed in order to restore the salt marsh.