

Annual Erosion Committee Report

October 4, 2017

The members of the Erosion Committee are:

- Section 1: Michael Ryan
- Section 2: Don Creveling
- Section 3: Robert Anderson
- Section 4: Stephen Hult--Chair
- Section 5: Deb Ament

During the past decade the Erosion Committee has completed fourteen major shoreline restoration projects on the community's 3½ miles of shoreline. The projects have restored 5,570 linear feet — over one mile — of degraded and eroding community shoreline using ecologically appropriate living shoreline techniques. The Committee has won over \$420,000 in highly competitive State and Federal grants to help subsidize the cost of these projects. Granting agencies have included the Chesapeake Bay Trust, the National Oceanic and Atmospheric Administration and the National Fish and Wildlife Foundation.

This year's major project repaired severely eroded shoreline adjacent to 906 Shore Drive in Section 4. The project constructed two stone sills totaling 121 linear feet, installed 460 tons of sand. This created 1300 ft² of low marsh--planted with *Spartina alterniflora* (smooth cordgrass) and 1300 ft² of high marsh planted with *Spartina patens* (saltmarsh hay). The project also established a path to enable the launching of small non-motorized watercraft, such as canoes, kayaks and especially sailboards.

The badly deteriorated shoreline behind the new house at 1132 Shore Drive was restored. Consistent with established policy, LTPOA paid for the engineering plans and permit fees in order to maintain control over what is done with our property. However, the new homeowner paid for the actual construction costs.

During fiscal year 2018, which began on July 1, 2017, we will begin a two year project to replace the deteriorating 250 linear foot bulkhead in Section 1. The second half of the project will be done in fiscal year 2019. It is being constructed in two phases to avoid too many boat slips being unusable at the same time. Although the actual bulkhead replacement will be a LTPOA Erosion Committee project, any needed repairs to the piers and the nominal cost of reconnecting the electrical and water connections will be the responsibility of the Section.

Consistent with our established practice and policy, the Erosion Committee has continued to work hand-in-hand with the Park and Planning Committee to maintain and improve our community parks and shorelines. We have emphasized repairing damaged areas and controlling invasive or overgrown vegetation.