

February 1, 2019

COASTAL VULNERABILITY ASSESSMENT

Town of Palm Beach

Woods Hole Group will update Town Council with results and next steps related to the flood risk vulnerability project. The project will provide the Town information about vulnerability of public assets to flooding, and is intended to help prioritize future projects and investment related to flood risk mitigation and coastal resilience. A presentation to Town Council on February 14 will explain the type of information that will be produced, and illustrate example work products. Because the material is complex, Woods Hole Group has found benefit in presenting the material to clients in advance of delivering work products. By presenting the material first, the Town will be able to process the information efficiently. Woods Hole Group also hopes to gain initial comments and questions from the meeting that can be addressed proactively in the report to ensure the deliverable is tailored to the Town needs. The presentation will focus on results, including what distinguishes the approach, and how the flood maps are generated. The presentation will include:

- Overview of purpose, methods and interpreting the results
- Flooding maps for a range of conditions, including different water levels and storms
- Tables of Town assets at potential risk of flooding
- Coastal Vulnerability Index (CVI) to prioritize Town assets at potential flood risk
- Identification of potential flood pathways for water to flood Town assets
- Concepts for engineering adaptations to improve coastal resilience and manage flood risk
- Updates since the Shore Protection Board meeting on January 24, 2019
- Suggested next steps

A technical report will be submitted to the Town in February for review. Subsequent points of clarification will be addressed.