



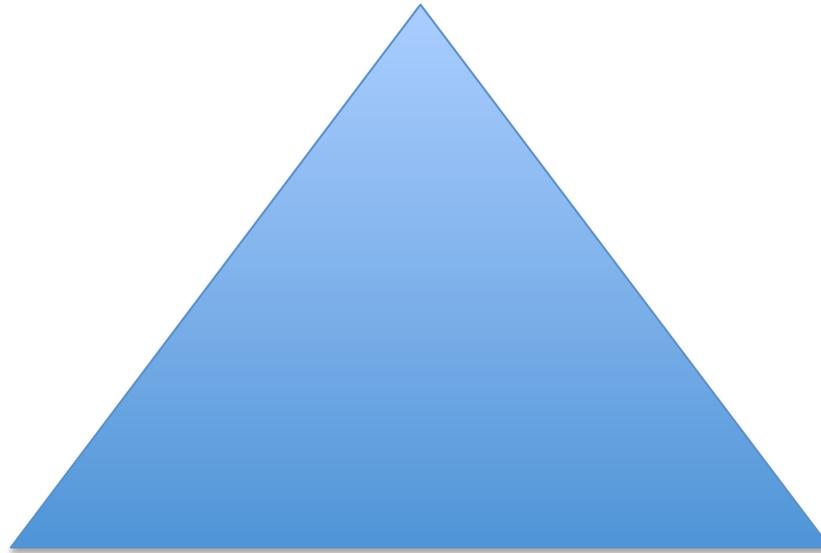
Beach & Bay Update

Wally Bishop
June 10, 2017



Sustainability

Beach
Replenishment



Bay
Dredging

Water
Conservation

Celebrating Our 65th Year



Beach Replenishment

- Success due to a high level of Local, State and Federal cooperation
- Over 1.1 million cubic yards of sand placed on Avalon and Stone Harbor beaches
- Illustrates the need to establish and fund regular program of beach replenishment



Bay Dredging

- Over 100,000 cubic yards of sediment dredged, dewatered and hauled to disposal site
- Illustrates the need to fund and schedule regular maintenance of channels
- Need to document “lessons learned” from this effort



SHPOA 2016 Project of the Year

- Water use on the islands continues to increase
- Largest single use of water is outside irrigation by the Borough and Homeowners
- SHPOA budgeted \$7,000 to conserve Borough water use through
 - Use of improved irrigation techniques
 - Use of native plants
- Waterwork site on 96th St and 2nd Ave
 - 2 zone irrigation split into 6 zones
 - Separate meters to measure inside and outside water usage
 - Drip irrigation, shorter throw distance
 - 240 native plantings – 30 different types of plants