

TOWN OF SOUTH BETHANY

Minutes for SLR & SS Committee Meeting

Thursday, June 27, 2013 at 1:30 Location: South Bethany Town Hall

AGENDA Item

The purpose of the meeting is to discuss with DNREC and University of Delaware Consultants as to our thoughts concerning Sea Level Rise (SLR) & Storm Surge (SS) and learn from them where they can supply their expertise, experience, and guidance in obtaining more resources and support for our efforts.

The meeting was called to order at about 1:35.

Members present for this meeting.

Jim Gross, Jay Headman, George Junkin, Chairperson, Frank McNeice, Al Rae, Dave Wilson

Guests present for this meeting.

Mike Powell, Wendy Carey, Susan Love

Meeting Notes:

- George presented the “Meet the Mayor SLR & SS Presentation” to kick off discussion points.
- Suggestions from guests:
 - Join and work with the CRS users group. They share “Best Practices.” Jay Headman should join this group.
 - Building code should be upgraded to account for SLR & SS. Jim Gross is assigned to this task.
 - 6 feet NAVD (6.8 feet NGVD) is a low standard. There should be more freeboard (It should be > 18 inches).
 - Maintaining elevation certificates is very important.
 - FEMA has issued preliminary updates to the maps. They should become final in May of 2014. Jay Headman is responsible for understanding these maps.
 - Since houses probably last at least 50 years we should be looking at least 50 years into the future.
 - There was concern that we had taken “owner surveys” off of our task list. Personal responsibility is very important. Education and public meetings are very important. We added these topics to our task list.

- Susan Love pointed out that we should have goals and objectives. Some suggestions were:
 - Education so that homeowners had an increased level of knowledge relative to risks and vulnerabilities and what our evacuation routes were.
 - Focus on information from FEMA to educate homeowners about increases in insurance rates and what they can do to mitigate these increases.
 - Improve our standing in the CRS. We are currently one of the 13 out of 47 communities in DE that are in the CRS. We owe this to the work that our Town Manager, Melvin Cusick, has done over the past years. Jay Headman should look at where we can get more point and this should influence our priorities.
 - We need to understand that there is a lot of work to manage the documentation and auditing that is required to maintain and improve our standing in the CRS.
- Potential grants may be available for items such as
 - Updating our codes to account for SLR & SS
 - Updating our Comprehensive Plan to account for SLR & SS
 - Creating a Hazard Mitigation Plan similar to what Lewes just completed
- Mike Powell gave us a hard copy of *Delaware Floodplain and Drainage Standards and Recommendations*. See attached page for a listing of the proposed standards and recommendations. Full report available at <http://www.dnrec.delaware.gov/swc/Pages/FloodplainandDrainageCodeWorkGroupCommittee.aspx>
- Susan Love gave us a copy of the inundation map for South Bethany considering a 0.5, 1.0 and 1.5 meter sea level rise. See attached sheet.
- Michael Powell gave us the preliminary May 17, 2013, FEMA Floodplain Map for South Bethany. See attached sheet. The majority of South Bethany west of Route 1 is in zone AE: Elevation 6 feet NAVD. This is 6.8 feet NGVD which is what our tide gage at West First Street is referenced to. The Sandy flooding reached a maximum height of 5.44 feet NGVD. People who were around in 1962 state that the level of the water on the west side was about the same as the Sandy flooding. So we have seen 5.44 feet NGVD at least twice in the last 60 years.
- Susan Love gave us a hard copy of ***Adaptation Tool Kit: Sea-Level Rise and Coastal Land Use How Government Can Use Land-Use Practices to Adapt to Sea-Level Rise***. Available at http://www.georgetownclimate.org/sites/default/files/Adaptation_Tool_Kit_SLR.pdf

Meeting adjourned at about 3:45

Final Minimum Floodplain and Drainage Standards

Prepared for the Floodplain and Drainage Advisory Committee

June 11, 2012

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4	2	<u>Flood Study Required in Zone A (no BFE) FEMA mapped floodplains</u>
5	3	<u>Only FEMA approved floodplain and BFE data shall be shown on record plans and development documents</u>
6	4	<u>Use accepted base flood elevation in building permit application documents</u>
7	5	<u>Floodplain information included on permitting documentation</u>
8	6	<u>Require use of elevation and flood proofing certificates</u>
9	7	<u>Require 18 inches of Freeboard</u>
10	7A	<u>Require 12 inches of Freeboard</u>
11	8	<u>Require 18 inches of free board for manufactured homes</u>
12	9	<u>Shallow fill above BFE will not exempt a structure from floodplain regulations</u>
13	10	<u>Hydrostatic Venting required</u>
14	11	<u>Prohibit below-grade crawl spaces or enclosures</u>
15	12	<u>Prohibit subdividing of land in the floodplain</u>
16	13	<u>Prohibit new non water dependent structures in floodplains in newly subdivided lands</u>
17	14	<u>Prohibit Encroachments that would cause more than 0.1 foot of rise without compensation</u>
18	15	<u>Incorporate FEMA technical bulletins in local floodplain regulations</u>
19	<u>Additional Floodplain Recommendations</u>	
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South Bethany Sea Level Rise Scenarios (2100)

- Legend**
-  MunboundsNew
 -  Current MHHW
 -  0.5 meters SLR
 -  1.0 meters SLR
 -  1.5 meters SLR
 -  State of Delaware



