

## BOARD OF SELECTMEN MEETING MINUTES

December 4, 2012

Approved on June 5, 2013

A meeting of the Orleans Board of Selectmen was held on Tuesday, December 4, 2012 in the Nauset Room of the Town Hall. Present were Chairman Jon R. Fuller, Vice-Chairman David M. Dunford, Selectman Sims McGrath Jr., Town Administrator John Kelly and Recording Secretary Kristen Holbrook.

Clerk Susan B. Christie was not present for the meeting.

Also present for the meeting were four members of the Eastham Board of Selectmen, Chairwoman Aimee Eckman, Vice-Chairman John F. Knight, Clerk Wallace F. Adams, II and Selectman Martin F. McDonald.

Selectwoman Linda S. Burt was not present for the meeting.

Chairpersons Fuller and Eckman called the meeting to order at 9:02 AM.

### Meet with ASA representatives: (00:00:15)

The Board met with representatives from Applied Science Associates, regarding their report on the Nauset Embayment System performed by the Massachusetts Estuaries Project. ASA representatives Craig Swanson and Jen Cragan gave the Board an overview of their findings. Mr. Swanson and Ms. Cragan identified the following issues found during their peer review of the MEP report:

- Hydrodynamic model contains too many variables
- Hydrodynamic model does not account for changes to harbor system
- Lack of transparency for background data on Nitrogen loading
- Assumptions made on distribution of Nitrogen may be an overestimation
- Difficult to duplicate results of model without background data
- A focus on a shorter time period may improve results
- Using total Nitrogen is not an industry standard practice because of the variables involved

The ASA representatives recommended that the Town consider taking the following actions to validate and verify their findings and the findings in the MEP report.

- Additional study on water circulation within the embayment
- Using similar modeling software such as RMA 10 and RMA 11 to attempt to duplicate results of MEP findings

- Use a wider time period for data analysis
- Verify data used for innovative septic systems cited in original report
- Incorporate census data into modeling

Chairman Fuller called for a 15 minute recess and the meeting reconvened at 10:15 AM.

Meet with Cape Cod Water Protection Collaborative and SMAST: (00:00:15)

Executive Director of the Cape Cod Water Protection Collaborative Andrew Gottlieb and Dr. Brian Howes presented the Board with a power point presentation on the MEP report and their response to the ASA peer review.

The Board discussed the impact that some of the ASA recommendations would have on the modeling results such as including a wider range of data, which may result in a higher variability of the output.

Mr. Hodgson asked if a mistake had been made when the number of water quality monitoring stations had been reduced. Mr. Gottlieb and Dr. Howes indicated that the reduction was a mistake.

The Board also discussed the assumptions for build out that are used in the modeling.

**On a motion by Mr. Knight, and seconded by Mr. McDonald, the Eastham Board of Selectmen adjourned their meeting at 11:35 AM.** The vote was 4-0-0.

Discuss Upcoming Joint Meeting with Chatham: (01:20:17)

Chairman Fuller discussed the upcoming annual meeting with the Chatham Board of Selectmen regarding the Nauset Beach Agreement. Mr. Kelly updated the Board with information for the meeting. He also stated that he has provided all of the information to the Chatham Town Administrator.

Mr. Kelly recommended that the Board continue with the one year agreement. A three year agreement must be approved by an Annual Town Meeting. Mr. Kelly also suggested that a discussion on the management of sharks in the future should be held, but not placed into the agreement.

**On a motion by Mr. Dunford, and seconded by Mr. McGrath, the Board voted to adjourn at 11:55 AM.** The vote was 5-0-0.

Respectfully submitted,

Kristen Holbrook

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Jon R. Fuller, Clerk