



Edgartown Dredge Committee Meeting Minutes

AUGUST 17, 2017

I. CALL TO ORDER:

Ed called to order the meeting of the **Dredge Committee at 4:10pm** on Thursday, **August 17, 2017 at the Town Hall.**

II. ROLL CALL:

The following persons were present:

Members: Dudley Levick, Ed Handy, Howell Kelly, Peter Vincent

Advisors: Jane Varkonda

Guests: Christine Player (CLE), John Ramsey (Applied Coastal), Adam Turner, (MVC)

III. OPEN ISSUES:

- a) Christine informed the Committee that CLE has been able to perform a lot of field work for the Lighthouse Beach Engineering contract, and the information has been provided to John Ramsey for analysis. Both the eel grass and shellfish surveys have been performed and bathymetry and topography are also done.
- b) John showed the Committee comparison photos, from 1938 and 1969, of the area around the Lighthouse; he was able to perform a shoreline evaluation with data going back to 2003. His analysis shows that, on average, the erosion at Fuller St Beach is happening at about 8 feet per year and the accretion at the Lighthouse is 6-8 feet per year. The fact that the volume of eroding sand matches up with the accreting sand is good for the project, it means the work can be justified as a back-passing project that is simply bringing the sand back to where it came from. If the spit gets dredged 12 feet down, that will produce 60,000 cubic yards of sand to be placed on Fuller St. Beach. Nourishment at that volume would last for about 16 years, which is a meaningful and worthwhile design life.
- c) Jane mentioned that the permit to dump sand below mean water at Fuller St. has been issued and the area is ready to receive nourishment of that volume.
- d) Christine informed the Committee that alternatives have been analyzed and are included in the permit application; this is good as the State likes to see that this has been done.
- e) John told the Committee that the next step will be to refine the dredging footprint and layout to minimize resource impact and optimize dredging and back-passing operations. After that has been done, it will be time for pre-permitting meetings with State officials. He also mentioned that it might be more economical to dredge mechanically at the spit, instead of hydraulically; CLE can provide quotes for both options.
- f) The project timeline is now in the hands of the regulatory agencies.
- g) Adam Turner was present with an update on the status of the Dredge Master Plan. He provided 16 pages of the updated plan, including existing conditions of dredging locations and information on shellfish harvest, for the Committee to review and verify. He said the next phase he will be working on is an analysis of the budget and other administrative aspects of a Town-owned dredge; coinciding this with the

purchase of the new dredge makes this an opportune time. Finally, he would like to have a discussion with the Committee about the direction of the dredge program for the next ten years. The Commission should have a more active involvement in the shorelines and how climate change will impact the island.

- h) Peter stated that the expansion of the dredging season is a major endeavor for the Committee to undertake in the near future.
- i) The Committee reviewed what took place at the Dredge Listening session held by State officials in Plymouth last week. Paul Bagnall was present and spoke about Edgartown needing more time in the dredge season to be able to complete projects. Adam encouraged the Committee to continue speaking about this issue to the State.
- j) Juliet informed the Committee that the company interested in purchasing the Town's dredge has not been able to complete their research in time to broker a deal.
- k) Motion placed on the floor by Peter to accept the \$45,000 trade-in offered by Ellicot for the Town's currently owned dredge. Dudley seconds, no discussion, voted unanimously.
- l) The Committee discussed the crew for the upcoming season.
- m) Motion placed on the floor by Peter to hire applicant Peter Jackson for the FY18 dredge crew. Ed seconds, no discussion, vote taken and passed.
- n) Juliet informed the Committee that the boys have appointments for their physicals on Saturday 8/19.
- o) The Committee discussed the dredge insurance and asked Juliet to inform Sarah that the pro-rate offered should be from early June when she attended the dredge meeting and was asked to provide it.
- p) The Committee requested that Juliet solicit quotes for insurance on the new dredge.
- q) The Committee reviewed the invoices and authorized payment of the bills.
- r) Ed distributed a map with survey data completed with the new depth finder.
- s) Motion placed on the floor by Howell to approve the meeting minutes from 7/27/17; Peter seconds, no discussion, vote taken and passed.
- t) Jane informed the Committee that there have been multiple requests from permit-holders to accept private beach nourishment on Cape Pogue.
- u) The Committee discussed the new Katama boat ramp. Ed said that Mr. Pena has some reservations about whether the ramp can be built deep enough to launch the dredge. Ed said he would reach out to Doug Cameron to discuss the feasibility of a deeper ramp.
- v) Jane informed the Committee that the State rejected Mr. Melone's application to dredge Lighthouse Pond.

Peter motioned to adjourn the meeting, Dudley seconds the motion. No discussion, vote taken, passed unanimously.

Ed adjourned the meeting at 5:50pm.

Minutes submitted by: Juliet Mulinare