



July 7, 2011

Weekly Meeting Memo CSE-08

MEMO

TO: Cliff Ogburn, Town of Nags Head, NC

FROM: Haiqing L. Kaczkowski (PE) and Tim W. Kana (PG)

RE: Nags Head Beach Nourishment Project (CSE 2203)
Weekly Project Meeting of the Town, the Contractor, and the Engineer

The weekly project meeting of the Town of Nags Head, the Contractor (Great Lakes Dredge & Dock, referred to as GLDD) and the Engineer (Coastal Science & Engineering, referred to as CSE) was held from 9:10 a.m. to 10:00 a.m. on Thursday, 07 July 2011, at the Town Hall. Items discussed during the meeting are summarized herein.

1) GLDD's Production Updates

The Liberty Island has been down and transited to Norfolk for repairs since 25 June 2011. The current estimate of her return is July 13.

The Texas has been pumping efficiently during the past week. As of the meeting, she has pumped approximately 565,000 cubic yards (cy) of material over a ~3,000 ft length of beach. Stations 960+50 through 929+00 (south to north) have been completed. Between July 1 and July 4, the Texas had an average production rate of about 50,000 cy per day.

According to the most recent work schedule, GLDD is expected to finish the dredging and pumping of the contract volume of 4.6 million cubic yards by 1 October 2011.

2) GLDD's Payment Application

Data for Payment Application #2 was submitted to CSE. Revised AD data was submitted on July 6. CSE is reviewing the data for volume verification.



3) Dredging Quality Management (DQM) Report from the USACE

A DQM report from the USACE Mobile District Operation Division was received on July 6th. It is a summary of the Liberty Island's profile between June 29th and July 1st. No new issues were mentioned in this report. Data gaps are minor and the DQM record is considered to exceed industry standards. The attendees discussed during the meeting what these reports were used for and who ultimately was concerned with the results.

4) Sandbag Issues

CAMA representatives indicate they will stake out sandbags at a property (near Eagle St) likely to be affected by the Texas in the next few weeks. No other properties are of immediate concern.

5) Easement Updates

The Town reiterated that easements are already in place for those sections where the Liberty Island and the Texas are scheduled to work at landing points 825+00 and 960+50 (respectively). GLDD reiterated their request that the Town direct them on this matter ahead of time before pumping starts in future sections where an easement or lawsuit issue might be pending.

6) Ocean Outfall Extensions Project

Town staff indicated that 5 potential bidders attended the pre-bid meeting regarding the ocean outfall project. The outfall at the southern end of the project area may be included in the bid. Likely construction dates are mid to late September. Bids will be opened on 15 July 2011 provided three effective bids are received by that date.

7) Sea Turtle Nests Relocation and Sea Turtle Monitoring on the Beach

Two more turtle nests were found by the morning ATV patrol by N.E.S.T. volunteers. One nest was found on July 1st at Sea Gull Drive in the project area, while another was found on July 5th at Baltic Street a quarter mile north of the project limit. The nest inside the project area was moved to Kill Devil Hills. The nest at Baltic Street was laid at a bad location and was relocated further up the beach toward the dune. Turtle monitors request the contractor exercise care if operating vehicles in this area.



8) Sand Fencing for Dune Restoration

CSE discussed with the Town and CAMA on how to proceed with planning sand fencing so that vegetation can be installed next Spring. CAMA calls for 10 ft sections at 45 degree angles (no v-shaped sections) at the toe of the dune. CAMA understands that with varying offsets of houses, it may be preferable to create a straight fence line to facilitate growth of a more congruent dune line. The Town will look for a recommendation from CSE as to where to place the fencing.

9) Anticipated events and schedule for next week

*Thursday, 14 July, at 9 a.m. — Weekly project meeting at the Town Hall
(The Town, the Contractor, and the Engineer are expected to attend.)*

Enclosure: List of attendees and their contact information