



June 23, 2011

Weekly Meeting Memo CSE-06

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, 23 June 2011, at Fire Station 16. Items discussed during the meeting are summarized herein.

1) GLDD's Production Updates

*The Liberty Island has been pumping efficiently during most of the past week. She pumped through Jennett's Pier without any problems last Friday, June 17<sup>th</sup>, 2011, and proceeded southward for approximately 200 ft ending at station 779+00. She then moved to the second pipeline landing at station 825+00 on the morning of June 18<sup>th</sup>. After pumping south from that station to construct a protective pad, the Liberty Island crew flipped the elbow, and she began pumping northward. She was pumping at station 815+00 near Holden Street at the morning of the meeting. She has finished 155 loads with a reported volume of 682,115 cubic yards of sand by midnight on June 23<sup>th</sup>, 2011.*

*The GLDD Project Manager indicated that the solid-plated metal deflector on the Liberty Island has been worn away due to the dredging operations over the past several weeks in Borrow Area 2. She is currently undergoing repairs which include the use of thicker steel plating for the turtle deflector. In order to continue active dredging operations during repairs, the Liberty Island has been digging on only one drag arm which has slowed her production.*



*The Texas arrived on site Monday afternoon, June 20<sup>th</sup>. She was positioned on station in Borrow Area 3 and began dredging operations Tuesday afternoon, June 21<sup>st</sup>. On the Texas beach fill site, a ~85 ft preliminary pad is being constructed from the submerged pipeline landing at station 960+50. After the pad is built, the Texas will proceed northward from that landing point with three outflows.*

2) GLDD's Payment Application #1

*The Town has processed GLDD's first payment application and has transferred the money to their bank account.*

3) Revised Fill Templates at Reach 3

*In light of the natural build-up of the dry beach at Reach 3 between November 2010 and June 2011, the +6 ft contour (design berm elevation) has moved seaward. Such changes may cause separation between the dune line and construction berm. CSE has coordinated with the Town and revised the fill templates at Reach 3 with no dune construction. The originally assigned volumes for the dunes will be placed on the beach. The total fill volume for Reach 3 will remain the same as specified by the project plans.*

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

*A DQM report from the USACE Mobile District Operation Division was received on June 21<sup>st</sup>. It is a summary of the Liberty Island's profile between June 14<sup>th</sup> and 21<sup>st</sup>. No issues were mentioned in this report.*

5) Non-Capture Trawling Updates

*Non-capture trawling is going well. Clearnose skates, angel sharks, rays and crabs have been documented, however, no turtles have been sighted at the surface during the past week.*

6) Sandbag Issues

*NCDCM officials will place CAMA stakes near Surfside Drive before the Texas starts pumping there.*



7) Easement Updates

*The Town will continue to work on obtaining the un-acquired easements. The remaining easements along north Nags Head should be in place by the time the Liberty Island starts pumping there. CSE and GLDD will work closely with the Town to adjust the fill templates in front of those properties which have either easement or lawsuit issues.*

8) Using National Park Service (NPS) Ramp #1 as Extreme Emergency Exit

*The Town received an official permit (SPEV11 2501 172) from the Outer Banks Group of the National Park Service. According to the permit, Ramp #1 at Coquina Beach, Cape Hatteras National Seashore can be used as an emergency beach access during the beach nourishment project between June 10<sup>th</sup> and August 30<sup>th</sup>, 2011.*

9) Ocean Outfall Extensions in Reach 1 of the project

*The Town is advertising for bids for the outfall extension project. A pre-bid meeting will be held at the Town at 2 pm next Thursday, June 30<sup>th</sup>, and representatives of CSE and GLDD will attend to answer questions related to the beach nourishment project.*

10) Visits to the Dredges

*Representatives of the Town and the Engineer are scheduled to visit the Liberty Island and the Texas on June 24<sup>th</sup>, 2011. Visitors will gather at the Fishing Center of Oregon Inlet at 9 am to meet with GLDD personnel.*

11) Anticipated events and schedule for next week

*Thursday, June 30<sup>th</sup>, 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