



October 22, 2013

Weekly Meeting Memo CSE-03

MEMO

TO: Jennifer Garvey, Town of Southampton, NY

FROM: Haiqing L. Kaczowski (Project Engineer)

RE: Sagaponack & Bridgehampton Beach Erosion Control District Nourishment Project (CSE 2408)
Weekly Project Meeting of the Town, the Contractor, and the Engineer

The weekly project meeting of the Town of Southampton, the Contractor (Great Lakes Dredge & Dock, referred to as GLDD or the Contractor), and the Engineer (Coastal Science & Engineering, referred to as CSE, and First Coastal) was held from 9:10 a.m. to 10:00 a.m. on Tuesday, 22 October 2013, at the Town Council Conference Room of the Town Hall. Items discussed during the meeting are summarized herein.

1) GLDD Production Updates

Dredge Illinois began dredging and pumping on the afternoon of 15 October around 2:50 pm. Sediment looked very good and appeared to be dredged and pumped efficiently. The first landing point was at station 270+00, and pumping started from that point and worked to the east. The BD (before dredging) survey for the immediate construction section is finished.

Five to six foot swells offshore from 16 to 18 October caused some weather delays for the dredge until 19 October when the sea conditions started improving. After nourishing ~200 ft of beach from the landing at station 270+00 east to station 268+00, the pipeline elbow was flipped on 19 October and the Illinois began pumping sand westward from station 270+00. She will work in this direction until reaching the westernmost project boundary at station 326+35.

As of last night (21 October), GLDD has finished an approximate 1,400-ft section of beach between stations 268+00 and 282+00. The completed sections have been graded, smoothed, and re-opened to the public. GLDD will conduct final grading on these areas once the shore pipes are removed. The discharge point has passed Mecox Bay area and was near station 297+00 this morning. GLDD



*estimated that approximately **220,000 cubic yards** (cy) of sand have been placed on the beach as of last night (21 October).*

The dredge's next landing point is around station 135+00, and submerged pipeline being prepared at that station will be completed soon.

GLDD will send the Town and the Engineer an updated schedule shortly after the meeting indicating the best estimate of the work progress.

2) GLDD's Submittals

GLDD submitted their Before-Dredging (BD) data for stations 276+00 to 300+00 on 20 October. BD data for sections west of station 300+00 will be submitted to the Engineer before pumping operations reach these areas.

GLDD has been collecting After-Dredging (AD) data every day. AD survey data show that they have completed the design template to the design berm width, but the borrowed sand is running heavy and, therefore, is not filling the full design slope in some sections. GLDD reported that the completed sections contain about 90 to 110 percent of the design volume. AD data will be submitted to the Engineer for approval.

Thirty-four(34) daily quality control reports were submitted to the Engineer last night (21 October). The reports record the summary of Work starting from 17 September (ie – the first day of the mobilization). They also include daily performance records from the dredge. GLDD plans to submit such QC reports on a daily basis in the future.

GLDD will submit their first payment request this week. The invoice will include the total cost of mobilization and a portion of the actual fill volume that has been placed on the beach. Ten percent (10%) of the total cost is required to be subtracted as retainage in accordance with the Contract.

3) Sediment Characteristics

Sediment samples have been collected by CSE at the finished sections. Sediment characteristics (including grain-size distributions, size-class percentages, and shell content) will be analyzed at CSE's on-site office. Visual observations show that the sand pumped on the beach contains very little mud and just a small percentage of gravel and shell content. It is compatible, clean, and free of debris and clay.



4) Owner's Comments

The Town's officials expressed their appreciation to the Contractor. There have been no complaints or concerns raised by residents regarding the construction. The backshore corridor left between the toe of dune and the active work area has been sufficient for beachgoers to have uninterrupted access along the beach. They also commented that the borrowed sand looks beautiful, and it is apparent that the new beach is merging well with the existing beach.

5) Anticipated Events and Schedule for Next Week

*Tuesday, 29 October 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



**Beach Nourishment Project Progress Meeting
22 October 2013 -- 9:00 am**

<u>NAME</u>	<u>ORGANIZATION</u>	<u>EMAIL/PHONE</u>
Chris Bean	Town of Southampton	cbean@southamptontownny.gov 631-728-8585 ext 206
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Tim Kana*	President, Coast Science and Engineering	tkana@coastalscience.com 803-361-3583 - Mobile
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*Not Present at Meeting