

CIEG 680 Homework #8 Due Saturday May 17 (under my office door) so I can get it back to you on the last day of class

1. DD 8.11

2. DD 9.1

3. DD 9.2

4. DD 9.4

5. DD 10.3

6. DD 10.8

7. DD 10.10

8. Suppose we want to perform a nourishment project that is 4 km long and we require the new beach to be 35 m wider. Given that  $h^*=7\text{m}$ ,  $B=1.75\text{ m}$ ,  $d_N=0.18\text{ mm}$  and the fill material is  $d_F=0.22\text{ mm}$ . Determine the volume per meter required, assuming for simplicity, an overfill factor of 1.

9. DD 13.3

