

# CAROLINADUNES

*an Ocean to Sound Community*



## **Conference Call Meeting Minutes 2011-09-14**

The conference call was called to order at 8:02pm on Wednesday, September 7, 2011.

The following owners participated:

RT (103 BH)  
RB (107 BH)  
MP (111 and 113 BH)  
BC (115 BH)  
TM (121 BH)  
FA (125 BH)  
VH (131 BH)  
JM (TBD)  
FE (118 CB)  
GP (115 PD)  
TD (1354 DR) - CDA Board Member  
CB (103 WD and 1352 DR) - CDA Sec/Treas  
RB (117 CB and 1356 DR) - CDA Pres

Ron Blunck described long term historical trends for the Outer Banks with respect to erosion. As everyone knows Carolina Dunes is a hot spot for erosion, particularly within Duck. Recently this summer we experienced an unusual weather event that resulted in severe beach erosion on the northern part of Carolina Dunes. We've also recently been hit by Hurricane Irene and its 10-15 feet of additional erosion.

There is potential for additional tropical storms and hurricanes this Fall.

Spencer Rogers is a 'dune' expert we have spoken with in the past about the causes of dune erosion. He reported there are 4 primary factors involved: tides, wind direction, near-shore sandbars, and the presence of storms. When tides are astronomically high,

winds are out of the NE, and a sandbar does not exist we will experience heavy erosion.

Similarly, we have spoken with Jessie McNinch from the Army Corps of Engineers. He has studied the Outer Banks and has identified several hot spots for erosion where the annual rate of erosion is unusually high. Carolina Dunes is a hot spot within the Town of Duck.

There is a lot of erosion related information has been published on the Carolina Dunes website ([www.carolinadunes.org](http://www.carolinadunes.org)). It can be accessed by clicking on the 'Erosion' link on the right side of the home page.

The Town of Duck is investigating erosion within the town and is creating a plan to mitigate erosion. This will take place over the next year. As an obstacle, the Town Council in Duck has recently become aware that Dare County is considering levying a requirement similar to the State of North Carolina and the Federal Government that states that public access must be provided in order to access the shoreline restoration fund that has been created at the county level. This is an important issue track this proposal, should beach nourishment need to be performed.

There is currently an escarpment (a vertical slope) of the dune line on the northern half of Carolina Dunes. It is very likely the dune line will continue to erode to the west as the escarpment returns to a normal dune line. When additional storms traverse the Outer Banks there will likely be additional erosion and the dune line would continue to shift West.

In the short term there are several options oceanfront home owners have. First, they can do nothing and let Mother Nature take its course. A second option would be for individual homeowners to bring in sand to repair their dune and install sand fences and plants to help rebuild the dune. A third option would be for oceanfront owners to join together, hire a vendor and collectively bring in sand for dune rebuilding. The Association can facilitate this process but does not have the financial to foot the cost of this alternative.

Ron Blunck has talked with F+H Land Development and was quoted a rate of about \$345/truck load of sand. That's a delivered and dumped truck load rate. A truck load contains 15 cubic feet of sand, which is an amount that would fill a room in a house that is 7 feet by 7 feet up to an 8 foot ceiling. If individual loads of sand were placed side-by-side along a 75 foot long dune line (ocean front lots are all 75 feet wide), it would take about 11 truck loads (about \$3,794). If two loads of sand were placed side-by-side, it would take about 22 truck loads (about \$7,590). This rough pricing assumes 500 cubic yards (33-34 truck loads) are ordered. Pricing should improve should many owners join in the effort and the # of truck loads increase significantly.


Logistically, the sand would be delivered at the Army Pier and hauled up the beach. Normally the Army Pier does not permit individuals to do this but with Town backing we could potentially obtain permission from the Pier for a one-time project.

Lastly we would not be able to do anything until after Nov. 15 due to CAMA rules and regulations.

The oceanfront owners on the call expressed an interest in pursuing a joint project to purchase sand to be brought up the beach and placed in front their ocean front homes. A few homeowners were luke warm on the joint project but may be willing to go along with the other homeowners.

A question was raised about problems with trespassers cutting underneath ocean front houses to reach the ocean. One of the oceanfront owners reported having trespassers but the other owners have not seen any trespassing.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Chris Blunck". The signature is fluid and cursive, with a long horizontal stroke at the end.

Christopher Blunck  
Secretary and Treasurer