

From: [Mike Murray](#)
To: [Thayer Broili](#)
Cc: [Britta Muiznieks](#)
Subject: Re: Fw: DRAFT map proposed electric fence for South Beach
Date: 06/30/2011 09:37 AM

Thayer,

There is no rush to discuss this on Friday. The only time constraint is that if we want to add one-two electric fence areas in 2001, we may have some year-end funding available to purchase the fence materials this fiscal year. As far as I am concerned, the staff can think about it more and determine the specific proposed location(s) during the off-season. It may be useful to have a short section in the annual CWB report to discuss the effectiveness of the Bodie Island electric fence and mention the intent to protect 1-2 additional sites in 2012.

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▼ [Thayer Broili/CAHA/NPS](#)

**Thayer
Broili/CAHA/NPS**

To: Mike Murray/CAHA/NPS@NPS, Darrell
Echols/CAHA/NPS@NPS

06/30/2011 08:20 AM

cc

Subject: Fw: DRAFT map proposed electric fence for South
Beach

fyi

Thayer Broili
Chief of Resource Management
Cape Hatteras National Seashore
Phone 252-473-2111 ext.137
Fax 252-473-2595


----- Forwarded by Thayer Broili/CAHA/NPS on 06/30/2011 08:20 AM -----

**Britta
Muiznieks/CAHA/NPS**

To: Eric Frey/CAHA/NPS@NPS, William P
Thompson/CAHA/NPS@NPS

cc: Laura Pickens/CAHA/NPS@NPS, Thayer

06/29/2011 04:50 PM

Broili/CAHA/NPS@NPS, Catherine
McCurdy/CAHA/NPS@NPSSubject Re: DRAFT map proposed electric fence for South
Beach 

I think we need to do a lot more talking internally before we discuss this on the conference call. I don't see anywhere in my email where I state that there should be a one mile perimeter fence centered on the PIPL nest. Thanks to Katy for being proactive in preparing a map but I think we need to discuss this more and look at the history of this area (utilizing the data we have in GIS) and then come up with a map of where we think the electric fence should go. It should NOT be based only on the location of this year's PIPL nest.

We need to look at the areas that were hit hard by racoons this year as well as in previous years. We need to see if there is an area where predators funnel through on a regular basis or whether they cross the dunes randomly on South Beach and are attracted to the vocalizations made by the colony. How does Troy determine the areas that he is going to trap-accessibility, predator tracks, vegetation and/or water funneling animals through an area etc.? These should all be taken into consideration as well. Are there certain areas where he has caught predators on a regular basis? How do these areas relate to the areas where the colonies form? I'd like to see a map of the areas where PIPL were scraping on South Beach this year as well as in previous years. I know that last year was the first year we found a PIPL nest in the area but they had been scraping in that area for a number of years prior to that (presumably by a lone male).

This is what I had put in the email so I am not sure how it came up that I suggested a 1 mile perimeter be centered on the PIPL nest. That was not what I intended.

Eric/Will-

Can you two get together and figure out where we may want to place an electric fence in this district next year. I'm thinking that somewhere on South Beach might be beneficial (maybe in the area where we had the PIPL nest?). Were there areas where PIPL were scraping but no nest was ever found. Get together with Katy and figure out the perimeter of the area you would want to exclose. It should be similar in length to the area Bodie exclosed although their colony is much more compact than our LETE colonies on South Beach. We need to remember that it will need to be maintained on a daily basis during the entire time that it is on the ground.

In my mind we have not hashed this out enough internally to be taking this proposal to the larger group yet. I would like to see what your reasoning is for where you would like to propose an electric fence. I don't think we should place an electric fence where we have the majority of our PIPL nests as they are already protected with exclosures. I think the maintenance of the fence would cause too much disturbance on a regular basis but Mike Piatak may be able to address this concern better than I can.

Britta Muiznieks
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▼ Catherine McCurdy/CAHA/NPS

**Catherine
McCurdy/CAHA/NPS**

06/29/2011 10:15 AM

To Eric Frey/CAHA/NPS@NPS, Britta
Muiznieks/CAHA/NPS@NPS

cc Laura Pickens/CAHA/NPS@NPS, Thayer
Broili/CAHA/NPS@NPS

Subject DRAFT map proposed electric fence for South Beach

[attachment "DRAFT Proposed Elec Fence South Beach.pdf" deleted by Thayer
Broili/CAHA/NPS]

Attached is a map showing CWB activity in the South beach area since 2007. The
current proposed electric fence location has a 1 mile perimeter and is centered
around the PIPL nest that was laid on South Beach this year (as per Britta's
suggestion).

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