

From: [Britta Muiznieks](#)
To: [Mike Murray](#)
Cc: [Thayer Broili](#)
Subject: Chapter 3 changes
Date: 09/27/2010 03:33 PM

Mike-

I'm trying to get the larger changes to you (or directly to Sandy if she calls). This is an update that we should try to get in the next draft for review. See if you agree with my revision. The draft stated that we had not yet begun surveying the entire Seashore. Changes are in red below (track changes won't copy and paste).

Pg 251, Chapter 3.

Nonbreeding Observations at Cape Hatteras National Seashore

During their wintering shorebird study, SECN staff observed red knots at the Seashore from August 2006 through February 2007. Monthly counts were highly variable with the two highest single-day counts in November 2006 and February 2007. Almost all red knots documented during this time were located in the foreshore habitat type (Byrne et al. 2009). **When the Seashore took over the monitoring from SECN staff, only the points and spits were surveyed to meet the migratory and wintering piping plover survey requirements of USFWS' biological opinion. At that time limited staffing in the winter months prohibited more extensive surveys. As the result of additional full-time staffing in the early part of 2010, resource management staff began surveying the entire shoreline for red knots along with other shorebirds on March 18, 2010. The protocol was revised to accommodate the increased staffing level and will provide a more comprehensive, standardized approach for determining use of the shoreline by the selected shorebirds.**

Britta Muiznieks
Wildlife Biologist
Cape Hatteras National Seashore

252-995-3740-**Office**
252-475-8348-**Cell**
252-995-6998-**FAX**