

From: [Mike Murray](#)
To: [Michelle Baker](#)
Subject: Re: Fw: Reg. Neg.
Date: 12/08/2008 12:12 PM
Importance: High
Attachments: [Sea Turtle Data.2007.pdf](#)

Thanks Michelle. I suspect Larry will bring his maps anyway, so it would be good if you could be present to provide context. Will let you know once I confirm date/time/location. Typically, WRC does not have Matthew Godfrey involved in the discussion.

It would be helpful if you could provide the total number of incidents from the annual reports (perhaps, the total number each year, so we can calculate the average). Is it realistic to think you could complete it by Wednesday?

Mike Murray
Superintendent
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▼ [Michelle Baker/CAHA/NPS](#)

**Michelle
Baker/CAHA/NPS**

To: Mike Murray/CAHA/NPS@NPS
cc

12/08/2008 11:43 AM

Subject: Re: Fw: Reg. Neg. 

Mike,

I have seen Larry's maps, and all they show is an un-scientific approach to determining nest success per mile on CAHA over the last 10 years. If the sub-committee needs maps showing the spatial distribution of nests over this time period, than I am sure that we can produce more accurate maps with Abra's help.

The reason for Larry making these maps is to show that nests on CAHA have a low success rate and should be relocated to non-ORV areas. Regardless of his feelings on our management practices in terms of relocation, we follow the expert advise of FWS and NCWRC. The ORV management plan does not address relocation and nest success due to overwash as these decisions are up to FWS & NCWRC. Showing these maps at the meeting will only further compromise the sub-committee's ability to come to a consensus, and will pull their attention from the other concerns

that need to be addressed.

If you decide to allow Larry to bring his maps than would it be possible for either Matthew Godfrey or I to be there to ensure that the subcommittee understands the limitations of this information?

Did you want me to send you a list of the total number of ORV and turtle incidents from the annual reports that you were listing at the last meeting?

In response to Larry's questions about Table 3:

In Table 3., the "Average Clutch Size" was determined by averaging the egg totals from all known nests. This means that any nests that were washed out, had significant predation, and/or were unable to be found at 90 days are excluded from this sample. "Average Incubation Days" reflects the incubation times only for hatched nests. "Eggs" reflects the total eggs that were found during excavations (i.e. excludes nests that were washed out). "Emerged" indicates the total number of emerged hatchlings from all nests, but does not include live hatchlings found during excavations.

Overall, this table presents information gathered from each year, but was not designed to show the process by which emergence success is determined. Emergence success for each year is shown in CAHA's annual report, and the success for each individual nest can be found in the appendices. The information in these reports are accurate to the best of our knowledge and those numbers shown in the 2007 report are the most accurate numbers that the Resource Management Division currently has. We know that there are some discrepancies with what we show vs. what NCWRC has, and we will be working to correct these discrepancies this coming winter.

Thanks,

Michelle

-----Mike Murray/CAHA/NPS wrote: -----

To: Michelle Baker/CAHA/NPS@NPS
From: Mike Murray/CAHA/NPS
Date: 12/08/2008 10:01AM
Subject: Fw: Reg. Neg.

Michelle,

See Larry's comments below. Could you draft a reply to Larry's question about Table # 3 in the 2007 report. Attached is the information he is talking about that I copied from the 2007 report.

Any concerns about Larry bringing his maps to the meeting? (I suspect he will use them to show where nests have occurred relative to what was open

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to ORV or not, and/or perhaps to show areas where there have been the greatest nest loss due to erosion/overwash.

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----- Forwarded by Mike Murray/CAHA/NPS on 12/08/2008 09:53 AM -----

"Larry Hardham"
<hardhead@embarqmail.com>

To "Mike Murray"
<mike_murray@nps.gov>

12/08/2008 09:24 AM

cc

Subject Reg. Neg.

Mike
Several thoughts if you don't mind.
Do you have a total of the number of ORV and turtle incidents from the annual reports that you were listing at the last meeting?

At the November meeting you handed out a sheet that had Tables #3, #4 and #5 from the 2007 turtle annual report. When one looks at Table #3 and multiply the number of nests times the number of the "Avg. Clutch" you do not get the number of "Eggs" shown and thus when calculating the "EMR%" things are way off. Total number of eggs is off by 13,734 and the seven year "EMR%" would then be only 50% and not the 64% shown. BIG DIFFERENCE!!!

I would also request permission to bring my maps that show turtle activity at CHNS in past years to meeting this week.

Thanks
Larry



Sea Turtle Data.2007.pdf