

(2 emails)



**Re: Technical question**  
 palmeag to: Ericp Nelson  
 Cc: John King

02/07/2007 03:17 PM

From: palmeag@NU.COM  
 To: Ericp Nelson/R1/USEPA/US@EPA  
 Cc: John King/R1/USEPA/US@EPA

History: This message has been replied to.

Eric, Very impressive; you discovered both the effect and the cause. Normandeau did err in the CPUE calculations, but they had discovered the mistake and were making changes as part of the serious rewrite that the document is undergoing. NAI does not feel that the corrected values change the trends/findings in any significant way, however. Sorry for the delay in my answer, Mark Mattson is off at jury duty again. He is embarrassed, but he did stress that the report is still in the Draft stage.

Thanks, Allan.

nelson.ericp@epamail.epa.gov

01/31/2007 11:49  
 AM

To Allan G. Palmer/NUS@NU

cc king.john@epamail.epa.gov

Subject

Technical question

Hi Allan:

I was wondering if you would forward the following question to Normandeau. This should be a fairly quick and easy question for them to answer. I can make a formal request for information, if you prefer, but I was hoping that wouldn't be necessary.

Thanks for your help.

Eric

In reviewing Normandeau's draft report, "Merrimack Station Fisheries Survey Results of 2004-2005 and Historic Trends Analysis of 1967 to 2005 Surveys May 2006," it's unclear to me how you arrived at the e-fishing CPUE values listed in the report (Table 6-3, p. 49). When I calculated the CPUEs (number of fish collected/sample size) for yellow perch, largemouth bass, and others, I get a value that is exactly half of that listed in the report. For example, where the CPUE for largemouth bass

is listed as 17.25 (ambient zone, 2005), I get a value of 8.625. For yellow perch (ambient, 2005), it's listed as 10.50, but I get a value of 5.25. One explanation may be that the two sampling efforts conducted at each Station (east and west transects) were lumped together as one sample effort when calculating CPUE. This would erroneously double the value.

Please let me know how you calculated these values.

Thanks.

Eric

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"Please don't pet me, I'm working."  
seeing-eye dog placard

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