



**Fw: Technical question**  
 palmeag to: mmattson  
 Cc: Ericp Nelson, John King

Admin #  
 589  
 (2 emails)

01/31/2007 12:07 PM

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

Mark, Great news, Eric is really reading your stuff. He has a question about CPUE calculation. Please look into it and give me a call later this week. Thanks, Allan.

----- Forwarded by Allan G. Palmer/NUS on 01/31/2007 11:56 AM -----

nelson.ericp@epam  
 ail.epa.gov

01/31/2007 11:49  
 AM

Allan G. Palmer/NUS@NU

king.john@epamail.epa.gov

Technical question

To

cc

Subject

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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