

Admin # 588

(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@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

Eric P. Nelson  
Ocean and Coastal Protection Unit

U. S. Environmental Protection Agency  
New England Region  
1 Congress Street  
Suite 1100-COP  
Boston, MA 02114-2023

Phone: 617-918-1676  
FAX: 617-918-1505  
Email: nelson.ericp@epa.gov

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

-----  
\*\*\*\*\*  
\*\*\*  
This e-mail, including any files or attachments transmitted with it, is confidential and intended for a specific purpose and for use only by the individual or entity to whom it is addressed. Any disclosure, copying or distribution of this e-mail or the taking of any action based on its contents, other than for its intended purpose, is strictly prohibited. If you have received this e-mail in error, please notify the sender immediately and delete it from your system. Any views or opinions expressed in this e-mail are not necessarily those of Northeast Utilities, its subsidiaries and affiliates (NU). E-mail transmission cannot be guaranteed to be error-free or secure or free from viruses, and NU disclaims all liability for any resulting damage, errors, or omissions.  
\*\*\*\*\*  
\*\*\*