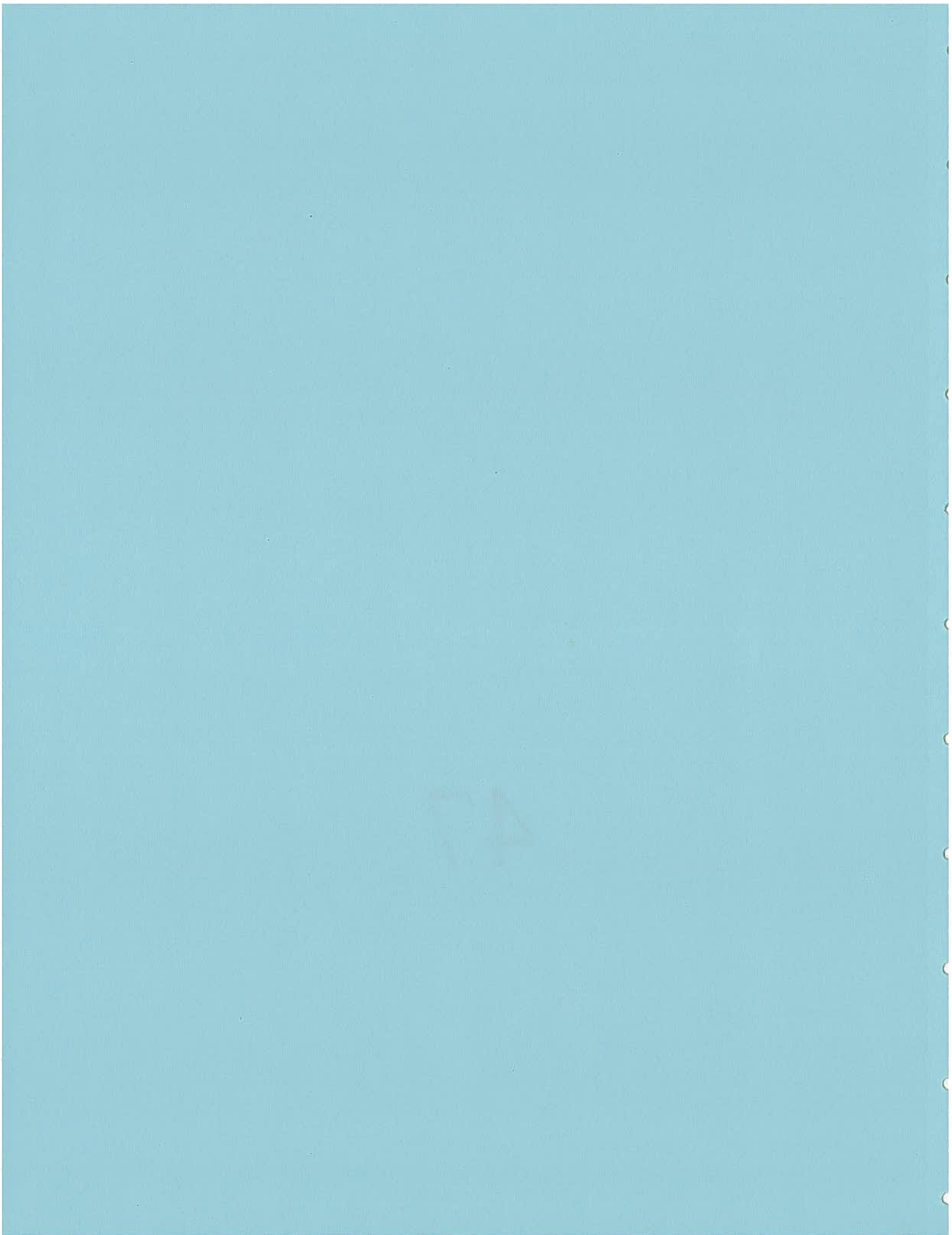


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OC Print-Mail Center

From: dmayer@tenera.com
Sent: Wednesday, March 25, 2009 11:38 AM
To: Catherine Hagan (George)
Cc: dmayer@tenera.com; Halter, Amanda (OC); Garrett, Christopher (SD); Jansma, Garrett (OC); pmaclaggan@poseidon1.com
Subject: Re:

Ms Catherine Hagan. All wet weights, as found in all RWQCB 316(b) impingement studies. Best regards. David Mayer

> Dr. Mayer,
>
> Thank you for the response. It does not directly answer the question
> about dry and wet weights which we are hopeful you can answer.
> Specifically,
>
> 1. Are the reported weights of impinged organisms (Tables A and B of
> Attachment 8, and correspondingly in Tables 5-1, 5-2 and Attachment 3, all
> in the March 9, 2009 Minimization Plan) reported in dry weight or wet
> weight? and
>
> 2. Are the weights of bat ray pups reported in the Martina and Cailliet
> paper (i.e., 0.16 kg and 0.21 kg) you reference in dry weight or wet
> weight?
> We appreciate your assistance in helping to clarify this information.
>
> Thank you.
>
> Catherin
>
> Catherine George Hagan
> Senior Staff Counsel
> Office of Chief Counsel
> State Water Resources Control Board
> chagan@waterboards.ca.gov
>
> *****
> 9174 Sky Park Court, Suite 100
> San Diego, CA 92123-4340
> Telephone: 858.467.2958
> Facsimile: 858.571.6972
>
>
> e
>>>> <dmayer@tenera.com> 3/25/2009 9:40 AM >>>
>
> Ms Catherine Hagan.
> The bat ray data question that you reference in your email request to L&W
> as copied below is perfectly consistent with data we have collected in
> impingement studies at a number of California power plants over the years.

4/1/2009

> I have no reason to doubt the accuracy of the data; in addition, I took
 > the time to actually look at the readily available scientific literature
 > pertinent to the question you seemed to be raising.
 > Here's a sentence quoted verbatim out of the Martina and Cailliet paper on
 > bat rays...
 >
 > "Disc width at birth in bat rays from this study
 > ranged from 220 mm DW (0.16 kg), the size of
 > the smallest free-living specimen collected, to
 > 305 mm DW (0.21 kg), the largest full-term
 > fetus collected."
 >
 > Our bat ray weights are reasonably consistent with Martina and Cailliet
 > reported findings, and I again find no reason to question their accuracy.
 > Please let me know if I am missing your question; I will be glad to look
 > into your question from another point of view.
 > Best regards, David MayerDavid,
 > Do you think you can respond to Catherine Hagan on this point re the
 > accuracy of the weights provided, per my earlier email?
 >
 > Chris

From: Garrett, Christopher (SD)
 > Sent: Tuesday, March 24, 2009 6:45 PM
 > To: 'Catherine Hagan (George)'; Philip Wyels
 > Subject: RE: FW: Poseidon project - Raimondi Initial Review

> I asked Dr. Mayer to get back to you on this issue as well.
 > I believe that he told me today that he had confirmed that the weights
 > presented were correct.

From: Catherine Hagan (George) [mailto:CHagan@waterboards.ca.gov (
 > compose.php?send_to=CHagan%40waterboards.ca.gov)]
 > Sent: Tuesday, March 24, 2009 5:44 PM
 > To: Garrett, Christopher (SD); Philip Wyels
 > Subject: Re: FW: Poseidon project - Raimondi Initial Review

> Chris,
 >
 > On a related matter, in the initial review, Dr. Raimondi asks for
 > clarification about the reported weights in the data. He asks: "Are
 > these dry or wet weights (this becomes very important later on). If
 > they are wet they seem low - at least for some species. For example,
 > it was reported that 50 *Myliobatis californica* were in the sample

> count with a total weight of 20000 grams (20 kg). This means that the
> average weight was 400 grams. This value is lower than the typical
> birth weight of a bat ray pup. Indeed the total weight of all the bat
> rays (20kg) is not much more than the average weight for adults.
> Obviously the accuracy of the weights is important - especially for
> the consideration of mitigation and the use of fish production in that
> assessment."
>
> Has anyone from Poseidon or David Mayer gotten back to him to clarify?
> If not, when do you think they will be able to provide the
> clarification?
>
> Thanks.
>
> Catherine
>
> *****
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