

From: Elaine Lukey <Elaine.Lukey@carlsbadca.gov>
To: Alan Monji <AMonji@waterboards.ca.gov>
CC: Wayne Chiu <wchiu@waterboards.ca.gov>, John Odermatt <JOdermatt@waterboa...>
Date: 7/22/2009 12:54 PM
Subject: RE: RE: Agua Hedionda Lagoon 1998 Fact Sheet
Attachments: AHL 303(d) Bacteria Delisting request summary 7-22-09.pdf; AHL 303(d) Bacteria Delisting request data Analysis 7-22-09.xls

Hi Alan,
Thank you for your email.

On behalf of the Agua Hedionda Lagoon Dischargers (Caltrans, Cities of Carlsbad, Oceanside, San Marcos, Vista, and the County of San Diego), attached please find two documents:
1) a summary of data analyses in support of delisting Agua Hedionda Lagoon for indicator bacteria, and
2) the dataset used in the analysis

Thank you in advance for your consideration and prompt attention to this submittal.

Elaine Lukey

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-----Original Message-----

From: Alan Monji [mailto:AMonji@waterboards.ca.gov]
Sent: Tuesday, July 21, 2009 12:59 PM
To: Elaine Lukey
Cc: Wayne Chiu
Subject: RE: RE: Agua Hedionda Lagoon 1998 Fact Sheet

Hello Elaine

Thanks for the update. I should say upfront that I cannot guarantee we will get you submittal into the 2008 list. We are trying to meet some deadlines and I have a long list of things to wrap up before the end of the month. I have a meeting with my supervisor Thursday and I will bring this up for discussion. If we cannot get your stuff in for 2008 then I will submit it for the 2010 list for sure.

AM

>>> Elaine Lukey <Elaine.Lukey@carlsbadca.gov> 7/21/2009 9:16 AM >>>
Thanks Wayne.

Hi Alan, we'll send our summary and data to you in the next few days for your review.

Elaine

-----Original Message-----

From: Wayne Chiu [mailto:Wchiu@waterboards.ca.gov]
Sent: Tuesday, July 21, 2009 9:07 AM
To: Elaine Lukey
Cc: Alan Monji
Subject: Re: RE: Agua Hedionda Lagoon 1998 Fact Sheet

Hi Elaine,

I would send whatever documentation and analysis you have to Alan Monji. He should be able to tell you if more is needed and by what date he needs it.

I am out of the office at training today and tomorrow and will be back on Thursday. Let me know if you have any questions.

Thanks,
Wayne
Wayne Chiu, PE
Water Resource Control Engineer
Water Quality Standards Unit
California Regional Water Quality Control Board
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858-637-5558
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>>> Elaine Lukey <Elaine.Lukey@carlsbadca.gov> 07/20/09 17:13 PM >>>

Hi Wayne, regarding the de-listing of AHL for bacteria, we are trying to analyze the information quickly per your email below.

We have a draft summary document that we could probably send you this week along with the data supporting de-listing, but we will need more time if you require more information.

Can you let me know when you need documentation? And do you need a full application package?

Thanks, Elaine

-----Original Message-----

From: Wayne Chiu [mailto:wchiu@waterboards.ca.gov]
Sent: Thursday, July 09, 2009 9:21 AM
To: Elaine Lukey
Subject: RE: Agua Hedionda Lagoon 1998 Fact Sheet

Hi Elaine,

I was just wondering if there was some document out there that summarized the background of Agua Hedionda like Keith did for us during the meeting. There is no need to pay Keith for something. I thought the historical information was really enlightening and would be good to include in the load calculation report that will be generated after the TMDL is calculated.

On another subject, I was wondering if anyone has analyzed the Agua Hedionda Lagoon data submitted as part of the monitoring report. I have not looked at the data in detail, but it looks like a case could be made

to delist the lagoon for bacteria if you limit the analysis to data collected from within the lagoon. The key here is what the water quality objectives in our Basin Plan state for bacteria. In general, the "single sample maximum" can be exceeded 10 percent of the time, and the 30-day geometric mean must be met at all times. If you can put together the data with the locations from the investigation order monitoring report, and augment it with any other historical in-lagoon data that shows that the bacteria WQOs are being met, all within the next week or two, I think it may be possible to make the case for delisting the lagoon for bacteria on the 2008 303d list.

Normally we would do the analysis, but because it is so far in to the 303d listing process, our 303d list staff are working on other things right now and cannot analyze the data. But, they told me that if someone puts the data together and makes the case, they can probably make the recommendation to delist on the 2008 303d list. If we can do that, then we may not need to do the bacteria TMDL for Agua Hedionda Lagoon.

Let me know if you think you might be able to work on analyzing the data.

Thanks,
Wayne

>>> Elaine Lukey <Elaine.Lukey@carlsbadca.gov> 7/9/2009 7:36 AM >>>
Hi Wayne, thank you for clarifying the original listing.

Re: a summary document, I do not believe that one exists therefore the Dischargers would likely have to pay Merkel and Associates to create one. Can you be a bit more specific on what you would like to see in the summary document?

Thanks, Elaine

---Original Message-----

From: Wayne Chiu [mailto:wchiu@waterboards.ca.gov]
Sent: Wednesday, July 08, 2009 9:34 AM
To: Sheila Henika; Elaine Lukey; Alison Witheridge; Mo Lahsaiezadeh; Paul Hartman; Constantine Kontaxis; May Alsheikh; Ed Kimura <emkimura@earthlink.net; Valentina Carbrea-Stagno <Cabrera-Stagno.Valentina@epamail.epa.gov; Ashli Desai; Mikhail Ogawa; Erica Ryan; Gary LoCurto; Livia Borak; Gabriel Solmer <gabe@sdcoastkeeper.org; Scott Norris; Todd Snyder
Cc: Steve Carter; Cynthia Gorham-Test; Deborah Jayne; John Odermatt; Laurie Walsh
Subject: Agua Hedionda Lagoon 1998 Fact Sheet

Hello all,

At the end of yesterday's meeting we told you that we would follow up on what the listing for Agua Hedionda Lagoon actually covers. I've attached the 1998 fact sheet for those of you who may not have a copy.

According to the fact sheet, the areal designation for Agua Hedionda Lagoon is 320 acres, which I assume more or less covers the entire lagoon. There is some reference on the fact sheet to the 1992 and 1996 water quality assessments (WQAs) that specify number of acres impacted by bacteria or sediment, but the actual 1998 303(d) listing is for 320 acres.

However, if you look at the rationale provided for the listing, there is some difference in where the impacts are located. For bacteria, it looks like the impact to the shellfish harvesting beneficial use of the outer basin is the primary concern. Bacteria is also probably the main concern for the contact and noncontact recreation beneficial uses. For sediment, the rationale specifically identifies the two inner basins as impacted by sediment, but does not specify which beneficial use is impacted. The aquatic life beneficial use is probably the primary use that is impacted by sediment. So, when it comes time to identify the critical location for the TMDL calculations, the critical location in Agua Hedionda Lagoon will probably be different for bacteria than for sediment.

BTW, the information that Keith and Sheila provided yesterday was very good background information that should probably go in to any load calculations report that is generated. Is there any document that summarizes that information which can be provided to us as a reference document? If not, would it be too much trouble to get Keith to write a summary of that information for us?

Thanks,
Wayne