From: Nancy Rumrill
To: Wendy Wiltse
Cc: David Albright
Subject: Re: Fw: Lahaina
Date: 11/18/2008 10:23 AM

Wendy,

Dave Taylor has relied on the West Maui Watershed Owners Manual to set their priorities. This manual being the only published info. But, we can point out that the recommendations/priorities is this manual were based on the assumption that the "Nutrients from injection wells apparently enter the ocean in deeper water than that where Hypnea occurs" page 3 of the manual. With the new studies info from USGS and UH linking the groundwater seeps in the shallow coastal water to the injection wells, new evidence shows that the nutrients from the injection wells enter the ocean where the Algae occurs. Very clearly a major contributer given the volumes being injected.

Nancy

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Nancy Rumrill
U.S. Environmental Protection Agency, Region 9
Ground Water Office, WTR-9
75 Hawthorne Street
San Francisco, CA 94105
415-972-3293
415-947-3545 (FAX)
▼ Wendy Wiltse/R9/USEPA/US

Wendy Wiltse/R9/USEPA/US

11/17/2008 05:35 PM

To: David Albright/R9/USEPA/US@EPA
cc: Nancy Rumrill/R9/USEPA/US@EPA
Subject: Re: Fw: Lahaina

Hi David:

I think Dave Taylor refers to the Tetratech tracer study from 1993. You;re probably familiar with this....we put dye down the injection wells and never found it in ocean. I wrote the watershed owners manual in 1997 and it summarized the info we had to date....which did not indicate that the injection wells were a primary cause of algal blooms. It's now 11 years later and over a $million in new research on Maui algal blooms. We have new info and I've chan ged my mind. Dave may not have seen all the new work; indeed we have not seen the USGS tracer study.

David, I could go to Maui anytime, but would prefer to be able to attend at least half a day of the monitoring workshop on Oahu. Could we plan to meet with County around 3 PM? We may learn a few things from the Maui meeting with scientists and our meeting with USGS that week, so a call with the County AFTER

these meetings may be a good idea too.

Wendy

Wendy Wiltse, Ph.D.
EPA-PICO
300 Ala Moana Blvd. Box 50003
Room 5-152
Honolulu, HI 96850
Phone: (808) 541-2752
FAX: (808) 541-2712

▼ David Albright/R9/USEPA/US

David Albright/R9/USEPA/US

11/17/2008 03:01 PM

To Wendy Wiltse/R9/USEPA/US@EPA
cc Nancy Rumrill/R9/USEPA/US@EPA
Subject Re: Fw: Lahaina

Hi Wendy,

I think I'm not calling the study by its correct name - but it is the one from the 90s that EPA funded. I believe you were one of the study's investigators. The gist, as characterized by the County, is that it was unclear whether the injected wastewater was moving into the near shore waters quickly. One of the County's letters to us referenced the study, and used their interpretation of it to argue that there is no longer a need for Lahaina to be permitted under the UIC program.

For Dec. 8th, do you know what time you'll be getting into Maui? If we have time Monday, I think a face-to-face with the County is a great idea, otherwise, we could plan a phone call, maybe the week prior.

David

▼ Wendy Wiltse/R9/USEPA/US

Wendy Wiltse/R9/USEPA/US

11/17/2008 02:05 PM

To Nancy Rumrill/R9/USEPA/US@EPA
cc David Albright/R9/USEPA/US@EPA
Subject Re: Fw: Lahaina

DAvid and Nancy:

Thanks for the update. I'm glad the hearing was constructive and that you had the chance to meet personally with the County and interested residents.

What is the "homeowners study" that Dave TAylor refers to?   I do not think I am familiar with that one. Is that something you have?

Dave, I will ask to have you included for the Dec. 9 workshop.   Cheryl is on the list of folks who have been invited and confirmed.   I'll suggest DAve Taylor be invited as well.   I'd be happy to meet with you and Dave on Monday late afternoon (I'll be attending the monitoring workshop in HOnolulu that day).   Do you want me to set up something with Dave?   Or perhaps we could have a phone discussion at another time.

Wendy

Wendy Wiltse, Ph.D.
EPA-PICO
300 Ala Moana Blvd. Box 50003
Room 5-152
Honolulu, HI 96850
Phone: (808) 541-2752
FAX: (808) 541-2712

▼ Nancy Rumrill/R9/USEPA/US

Nancy Rumrill/R9/USEPA/US	To	Wendy Wiltse/R9/USEPA/US@EPA
	cc	David Albright/R9/USEPA/US@EPA
11/17/2008 12:02 PM	Subject	Fw: Lahaina

Wendy,

We had 68 people sign in and about 25 oral commenters. It was good to hear the various views. Many people thanked us for coming to hear their statements first hand.

I think the County wants to do what's best for the reef too. As David points out below, they have limited funds to address the issues they face.
I'd like to talk with you more about the issues.

I'll call you, Nancy

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Nancy Rumrill
U.S. Environmental Protection Agency, Region 9
Ground Water Office, WTR-9
75 Hawthorne Street
San Francisco, CA 94105
415-972-3293
415-947-3545 (FAX)
----- Forwarded by Nancy Rumrill/R9/USEPA/US on 11/17/2008 09:36 AM -----

David Albright/R9/USEPA/US

To Wendy Wiltse/R9/USEPA/US@EPA
cc Nancy Rumrill/R9/USEPA/US@EPA
11/17/2008 07:42 AM Subject Re: Lahaina

Wendy,

The hearing went smoothly - very civil. All commenters were on the same side of the issue - no injection or at least less injection over time with more stringent stds. We have not yet made any final decisions. The meeting with the Mayor and her staff also went pretty well. The Mayor is sensitive to the coral reef decline, but does not see the science (linking the problems to the injection wells) as being "definitive." Cost issues of doing anything differently are paramount for the County, and with limited monies they want to be certain they are spending it most wisely to address the issues they face - minimizing spills, reducing runoff impacts, addressing unsewered areas, and the injection wells. In later discussions with Dave Taylor, he expressed some surprise that you are not still supportive of the "homeowners" study that was done. We all thought it would be good to have a discussion about what has changed since that study was done, and how your current view differs from the conclusions from that study.

My plans are to be in Hawaii the week of Dec 8, and I was hoping to attend the first half of day one of the workshop to hear the presentations and discussions on the existing state of the science. If you could get my name on the list, that would be terrific. Also, when I spoke to Cheryl Okuma, she was not aware of the workshop, but she too would benefit from sitting in that first day (or Dave Taylor, maybe). If I can attend the morning of the 9th, I'd fly directly into Maui on the 8th, and that afternoon would be a potential time to meet with the County per the above discussion - if you are there and available. Unfortunately, it will just be me travelling out this time. I'll be flying back to Oahu Tuesday night to be at DOH Wed morning.

Talk to you soon.
David
▼ Wendy Wiltse/R9/USEPA/US

Wendy Wiltse/R9/USEPA/US
11/14/2008 12:50 PM

To David Albright/R9/USEPA/US@EPA, Nancy Rumrill/R9/USEPA/US@EPA
cc
Subject Lahaina

David and Nancy,

I just returned from annual leave and wondered how you think the Lahaina hearing and meetings with County went. Have you made decisions about EPA options?

I also wanted to check on your plans for December. The invite list is being

finalized for the workshop on Maui with scientists for Dec. 9-10. If you want to attend, I will work to get your names on the list.

Wendy

Wendy Wiltse, Ph.D.
EPA-PICO
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Honolulu, HI 96850
Phone: (808) 541-2752
FAX: (808) 541-2712