**From:** Nancy Rumrill
**To:** Wendy Wiltse
**Subject:** Re: Fw: DOH Lahaina seep sampling data
**Date:** 03/20/2012 05:14 PM

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Ok with the nutrients being shared/considered. I will let you know how we resolve the toxics being releasable.

*Nancy*

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Nancy Rumrill
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U.S. Environmental Protection Agency, Region 9
Ground Water Office (WTR-9)
Phone (415) 972-3293

▼ Wendy Wiltse---03/20/2012 04:55:47 PM---Nancy, I agree, lets hold off on putting the toxics info in the watershed characterization. Howev

From: Wendy Wiltse/R9/USEPA/US
To: Nancy Rumrill/R9/USEPA/US@EPA
Date: 03/20/2012 04:55 PM
Subject: Re: Fw: DOH Lahaina seep sampling data

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Nancy,

I agree, lets hold off on putting the toxics info in the watershed characterization. However, i would like to share it with the NOAA scientists. They would not be putting it out for public review, but using it to design upcoming work.

I think the nutrient data is Ok to share. Watson did not seem to have a strong opinion when I asked him. YOu OK with that?? I could see holding back until we have more.

I do think running toxicity test on seep water is a good idea. Unfortunately the NOAA group has their own test which uses the same sea urchin but a different end point from the EPA test. I'd like to see seep water run on the EPA test. I will talk to DOH and Amy Wagner to see if we can get some samples run for EPA test.

Wendy

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-----Nancy Rumrill/R9/USEPA/US wrote: -----
To: Wendy Wiltse/R9/USEPA/US@EPA
From: Nancy Rumrill/R9/USEPA/US
Date: 03/20/2012 03:34PM
Cc: David Albright/R9/USEPA/US@EPA, slay.hudson@epa.gov, watson.okubo@doh.hawaii.gov, Sara Roser/R9/USEPA/US@EPA, Elizabeth Sablad/R9/USEPA/US@EPA
Subject: Re: Fw: DOH Lahaina seep sampling data

Wendy,

The field data for 2/27 should not be used because we are still determining the accuracy of the free chlorine measurements. The rest of the data is partly up to Watson on how comfortable he is with releasing the data for this purpose. I would want to obtain more months of data to have an adequate characterization. What's the public review process? How would the data potentially be used? Only having one day's result is difficult to support any conclusions.

Sara Roser and I were just talking about some kind of toxicity testing. But, I don't know the applicability of such testing. Elizabeth Sablad might want to provide input if we can consider such testing for the 401 determination.
Thanks,
*Nancy*

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Ground Water Office (WTR-9)
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Wendy Wiltse---03/19/2012 06:56:56 PM---Nancy and David, A couple of questions. As you know, NOAA's consultant, SRGII, is developing a wa

From: Wendy Wiltse/R9/USEPA/US
To: Nancy Rumrill/R9/USEPA/US@EPA, David Albright/R9/USEPA/US@EPA
Cc: watson.okubo@doh.hawaii.gov, slay.hudson@epa.gov
Date: 03/19/2012 06:56 PM
Subject: Fw: DOH Lahaina seep sampling data

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Nancy and David,

A couple of questions. As you know, NOAA's consultant, SRGII, is developing a watershed management plan for West Maui. We have already received an early version of an important chapter: Watershed Characterization. In this chapter they summarize relevant information that is available for West Maui. We would like to make available to them the DOH water quality data from the seeps and surrounding waters. Do you have any problem with sharing the attached data (nutrients and bacteria) with SRGII? The data would be incorporated into a next version of the characterization which will be given out for public review in the next month or two.

I understand there may be data available on toxics from the seeps and possibly from the effluent. Can we make that info available to SRGII?

FYI. NOAA also funded a group of researchers to work on Maui in September and offer a training for local scientists and agencies. They will be conducting "coral reef forensic studies" at Kahekili and teaching methods. Their techniques are designed to answer the question "what's killing the corals?" Their work will include running sea urchin toxicity tests (similar to those used in NPDES permits to assess toxicity in sewage effluents) on seep water and sediment pore water. If toxicity is detected, they will attempt to identify and verify the toxic constituent(s) in the water and/or sediments. They will also be testing for some common bacterial pathogens such as Staph and hopefully MRSA. Hudson and I hope to participate in this work and training. The NOAA group has done some preliminary work at Kahekili and other Maui sites and we hope to be able to share the preliminary findings soon. It would be helpful to them in designing the September work, if we can also share the data on toxics from the seeps and effluent ASAP.

Wendy

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----- Forwarded by Wendy Wiltse/R9/USEPA/US on 03/19/2012 03:42 PM -----

From: Hudson Slay/R9/USEPA/US
To: Kathy Chaston <Kathy.Chaston@noaa.gov>, Wendy Wiltse/R9/USEPA/US@EPA
Date: 03/16/2012 02:09 PM
Subject: DOH Lahaina seep sampling data

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I believe this is all of the data distributed to date by DOH.

HS

[attachment "seep bacti sampling Jan.25, 2012.xls" deleted by Nancy Rumrill/R9/USEPA/US] [attachment "Copy of field data for seep sampling 02-27-2012.xlsx" deleted by Nancy Rumrill/R9/USEPA/US] [attachment "Copy of Maui Special Samples 01_25_2012.xls" deleted by Nancy Rumrill/R9/USEPA/US] [attachment "field data for seep sampling 01-25-2012.docx" deleted by Nancy Rumrill/R9/USEPA/US]