From: Wendy Wiltse
To: Nancy Rumrill
Cc: David Albright
Subject: Re: Draft nutrient data
Date: 12/05/2011 03:51 PM

Nancy is right. We need to know the locations of the samples.

FYI. Nitrate concentrations in wells vary by an order of magnitude. I suspect the high elevation wells, above historic agriculture, are lower in nitrate than the lower wells. Nitrate conc. in seep water is lower than in some of the some wells, higher than others. The seep samples exceed the water quality standards for nitrate, Total N, ammonia, total Phosphorus.

Wendy

Wendy Wiltse, Ph.D.
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▼ Nancy Rumrill---12/05/2011 12:39:32 PM---David, I would suggest an additional figure showing the locations of each point (Lat and Long are al

From: Nancy Rumrill/R9/USEPA/US
To: David Albright/R9/USEPA/US@EPA
Cc: Wendy Wiltse/R9/USEPA/US@EPA
Date: 12/05/2011 12:39 PM
Subject: Re: Draft nutrient data

David,

I would suggest an additional figure showing the locations of each point (Lat and Long are already listed).

Sample type descriptions are confusing, ie one is listed as Surface water for LWRF-1, others listed as marine or well. Sample types need to describe the type of sample, such as composite or grab, the depth of the water sample. I assume all of these are grab samples. The well samples may have varying conc through the depth of the well. Overall, there's not much to go on for what the data represents. Also little can be said about variability or the QAQC procedures followed. The test methods are not included in the table.

Very hard to follow without more background information and the QAQC analysis to support the data.

Nancy

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

▼ David Albright---12/05/2011 05:04:07 AM---Wendy/Nancy, Attached are data tables Craig is prepared to release to Maui Co and others. At this p

From: David Albright/R9/USEPA/US
To: Nancy Rumrill/R9/USEPA/US@EPA, Wendy Wiltse/R9/USEPA/US@EPA
Date: 12/05/2011 05:04 AM
Subject: Draft nutrient data

Wendy/Nancy,

Attached are data tables Craig is prepared to release to Maui Co and others. At this point, we are saying nothing about nutrients in the talking points, and this is the data that would drive any statements. I am going to speak with Craig this afternoon, but also wanted to get any feedback you have on this info before we release it.

Thanks,
David

[attachment "LAHAINA NUTS CONFIDENTIAL 12_6_11.pdf" deleted by Nancy Rumrill/R9/USEPA/US]

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