From: Wendy Wiltse
To: Nancy Rumrill
Cc: David Albright
Subject: Re: Lahaina
Date: 06/09/2010 01:00 PM

Nancy:

Yes, I'd like to participate in a call with Malcolm if we can arrange it this week. I'm out for next 2 weeks so go ahead if I can't fit it in. I'm open today except for our call with USGS/COE/County. Tomorrow is open from 10-12:30 PDT. Friday I'm off but could take a call.

I agree the tracer study was poorly written. We'll have to look again at the methods. I found places where it said tracer was in all the wells and others where it was well 2, but I skimmed it quickly. And no, I didn't find any results for the early 10 day survey.

Wendy

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▼ Nancy Rumrill---06/09/2010 08:51:04 AM---Wendy, Thank you for the Appendices for the final report. I want to find out more about what they w

From: Nancy Rumrill/R9/USEPA/US
To: Wendy Wiltse/R9/USEPA/US@EPA
Cc: David Albright/R9/USEPA/US@EPA
Date: 06/09/2010 08:51 AM
Subject: Re: Lahaina

Wendy,

Thank you for the Appendices for the final report. I want to find out more about what they were thinking about the initial planning of the tracer study because it was poorly planned out and reported.

Do you have a different report on the original tracer study? The final report says only injection well number two (ie, not all wells) received tracer starting on 7/1/93. I could not find the information for Where they looked initially for the first 10 days and what were the flourescence results for those first 10 days? Why did they wait another 52 days of tracer additions before doing the main survey? And the southeastern corner where they found elevated amounts (ie, Line 17A flourescence in the Appendix) only had one survey date of 8/30. Was

it surveyed on any other dates? The main goal of this past tracer study was to detect the tracer, but not determine an accurate travel time. The focus on a new tracer study is to determine travel time as well as detection.

We do want to oversee the study closely. I have contacted Malcolm Field, Senior Research Hydrogeologist, who is a national expert in tracer-test methodology
in the Quantitative Risk methods Group, National Center for Environmental Assessment, Office of Research and Development, U.S. Environmental Protection Agency, Washington, DC. He has agreed to help us on designing and planning the work. If you are interested Wendy, I will find out when he is available for a conference call and include you to discuss some of the planning of this new study. I've already shared information with him on the project and the past study, so we can get started on outlining the statement of work.

Thanks for your help, Nancy

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▼ Wendy Wiltse---06/08/2010 07:47:38 PM---David, Hudson and I both beleive a good way to get the tracer study done is to have DOH contract wi

From: Wendy Wiltse/R9/USEPA/US
To: David Albright/R9/USEPA/US@EPA, Nancy Rumrill/R9/USEPA/US@EPA
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David,

Hudson and I both beleive a good way to get the tracer study done is to have DOH contract with UH. Dan has apparently made contact with Ali ElKaidy at UH who indicated some kind of interest and recommended a grad student who does alot of consulting . Craig Glenn also mentioned Ali as qualified.

Hudson thinks the money can be obligated non-competitively to UH in about 3 months. He also thinks we need considerable oversight of the statement of work.

I looked into the 1993 study. Tracer was added for 58 days to all 4
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wells starting July 2, 1993. For the first 10 days of dye addition, there were 7 half day surveys to look for the dye. The main surveys occurred August 21-31, 1993. Then post survey sampling occurred once every 1-2 weeks Oct 10 to Dec. 8.

Wendy

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