

Detterman, Mark, Env. Health

From: ktidwell [ktidwell@thesourcegroup.net]
Sent: Wednesday, December 14, 2011 9:47 AM
To: Detterman, Mark, Env. Health
Cc: Paul Parmentier; Ivy Inouye
Subject: Re: TPHd, TPHmo analyses

Hi Mark-

Thank you for the input. I agree doing some comparison runs in different areas at the site is worthwhile. We will run the samples as instructed below. Thanks again.

Kristene

From: "Detterman, Mark, Env. Health" <Mark.Detterman@acgov.org>
Date: Wed, 14 Dec 2011 09:38:33 -0800
To: ktidwell <ktidwell@thesourcegroup.net>
Cc: Paul Parmentier <pparmentier@thesourcegroup.net>, Ivy Inouye <iinouye@thesourcegroup.net>
Subject: RE: TPHd, TPHmo analyses

Hi Kristene,

I do understand limiting costs, but getting a good decent dataset at the same time. I would be agreeable to running all wells with SGC, and limiting the number of second runs without SGC. I'd request a few more wells than you were thinking, just to get a good spread across the site to see if there are differences through the various Areas. Since this may be a one-time event I thought the added data would be useful. Based on well concentrations, well placement, and Area of interest, I'd request the following wells be run additionally for TPHd and TPHmo without SGC: MW-2, MW-3, MW-5, MW-6, E-2, and E-7 or E-8. I'm not sure we need to conduct the second analytical run at MW-4, based on the most recent groundwater data from June 2011. Let me know if you have suggested alterations to this, and hope this helps. Best,

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PDF copies of case files can be downloaded at:

<http://www.acgov.org/aceh/lop/ust.htm>

From: ktidwell [<mailto:ktidwell@thesourcegroup.net>]
Sent: Wednesday, December 14, 2011 7:44 AM
To: Detterman, Mark, Env. Health
Cc: Paul Parmentier; Ivy Inouye
Subject: TPHd, TPHmo analyses

Hi Mark-

As you know, we are conducting a groundwater monitoring and sampling event at the Paco Pumps site tomorrow and Friday. I have some questions regarding the Silica Gel analysis. We were planning on running the Silica Gel for TPHd and TPHmo on a separate second run for wells MW-3 and MW-4, while doing TPHd and TPHmo 8015 without Silica Gel for the remaining wells. In my opinion, the Silica Gel analysis will likely give us the most appropriate analytical results. I would like to recommend that we either analyze all samples for 8015 with Silica Gel only, or run the samples with the highest TPHd, TPHmo results on an additional run without silica gel (I was thinking 2 or 3 samples). We can run all samples for 8015 with and without Silica Gel. However, I think that if we run all samples with Silica Gel, and then do the comparison analysis on select samples with high results, we will be getting accurate results, have adequate comparison samples, and limit our costs. Please let me know what you think and how you would like us to proceed.

Kristene Tidwell, P.G.
Project Geologist

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