

Detterman, Mark, Env. Health

From: Detterman, Mark, Env. Health
Sent: Tuesday, May 01, 2012 1:58 PM
To: 'king, michelle'
Cc: 'Vince.Herington@sybase.com'; Shaw, Jeff; 'JULIE TREINEN'
Subject: RE: Data for 6601/6603 Shellmound (RO42 and RO43)

Hi Michelle,

You touch on a ticklish subject, in that additional groundwater monitoring was requested in the November 2011 directive letter in order to help establish downgradient concentration trends; other than the March and October 2010 groundwater sampling events, no recent data is available (last previous was November 1995). While concentrations are definitely low, the October 2010 data for MW-3 are trending up slightly, so can be interpreted in two ways - as within range of older data, or as the leading edge of a groundwater contamination plume. Ultimately I'm not sure how that will parse out as I incorporate data from the adjacent site in to the mix. I'm not sure that directly answers your question, but it's one of the reasons for my slow response.

Best,

Mark Detterman
Senior Hazardous Materials Specialist, PG, CEG
Alameda County Environmental Health
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PDF copies of case files can be downloaded at:

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

From: king, michelle [mailto:mkking@EKiconsult.com]
Sent: Monday, April 30, 2012 3:55 PM
To: king, michelle; Detterman, Mark, Env. Health
Cc: 'Vince.Herington@sybase.com'; Shaw, Jeff; 'JULIE TREINEN'
Subject: RE: Data for 6601/6603 Shellmound (RO42 and RO43)

Hi Mark-

Per my email below—I assume no further groundwater monitoring is needed, but please confirm.

Thanks,
Michelle

From: king, michelle
Sent: Monday, April 23, 2012 6:46 PM
To: 'Detterman, Mark, Env. Health'
Cc: 'Vince.Herington@sybase.com'; Shaw, Jeff; 'JULIE TREINEN'
Subject: RE: Data for 6601/6603 Shellmound (RO42 and RO43)

Mark-

I want to also confirm that we do not need to perform further groundwater monitoring given the results obtained in the past few years.

Thanks,
Michelle

From: Detterman, Mark, Env. Health [<mailto:Mark.Detterman@acgov.org>]
Sent: Thursday, April 12, 2012 1:19 PM
To: king, michelle
Cc: 'Vince.Herington@sybase.com'; Shaw, Jeff; 'JULIE TREINEN'
Subject: RE: Data for 6601/6603 Shellmound (RO42 and RO43)

That would be fine. I'd intended to do that, but apparently forgot to...

Mark Detterman
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From: king, michelle [<mailto:mkking@EKICONCONSULT.COM>]
Sent: Thursday, April 12, 2012 12:38 PM
To: Detterman, Mark, Env. Health
Cc: 'Vince.Herington@sybase.com'; Shaw, Jeff; 'JULIE TREINEN'
Subject: RE: Data for 6601/6603 Shellmound (RO42 and RO43)

Mark-

Would it be possible to limit the follow-up round of sampling to the 1650 65th Street building given that benzene was not detected in the 6601/6603 buildings and those buildings are located upgradient of the tank area?

Thanks,
Michelle

From: Detterman, Mark, Env. Health [<mailto:Mark.Detterman@acgov.org>]
Sent: Thursday, April 12, 2012 12:34 PM
To: king, michelle
Cc: 'Vince.Herington@sybase.com'; Shaw, Jeff; 'JULIE TREINEN'
Subject: RE: Data for 6601/6603 Shellmound (RO42 and RO43)

Hi Michelle,

Good to talk with you and Jeff and the phone earlier today; sorry it took so long. I'm following up by email to help document our thinking and the request contained herein.

While I find the soil vapor data initially encouraging, I think ultimately we will need to conduct another round of vapor sampling at the site to help validate the first set. Because the highest benzene concentration detected is further beneath the 1650 65th Street building (as could be expected from groundwater migration), it would be appropriate to check the data. It also makes sense due to the new DTSC guidance and the attenuation factor employed, since those new guidelines indicate some level of concern with that benzene concentration. As you know, multiple sampling events are consistent with DTSC guidelines. I would continue to request that major gases be collected, along with the BTEX compounds (and the leak check compound). I would also add TPHg to the analytical suite, as it may provide insight to the initial results of the major gases as well as the BTEX compounds. The data can be included in the report

for the work. You will obviously need an extension to the due date for the report. I'll extend that date to June 22, 2012 shortly.

Let me know if you have questions.

Mark Detterman

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From: king, michelle [<mailto:mkking@EKICONCONSULT.COM>]

Sent: Friday, February 03, 2012 10:15 AM

To: Detterman, Mark, Env. Health

Cc: 'Vince.Herington@sybase.com'; Shaw, Jeff; 'JULIE TREINEN'

Subject: Data for 6601/6603 Shellmound (RO42 and RO43)

Mark-

As discussed, attached are the draft tables and figures for the recent investigation at the 6601/6603 Shellmound site in Emeryville. A summary of the findings is presented below:

Subslab soil gas: No methane was detected in any of the samples; oxygen and nitrogen were at typical ambient air levels. Benzene was detected in 2 samples, but at concentrations significantly below the subslab soil gas ESLs and slightly greater than the subslab screening level calculated using the new DTSC VI guidance from Oct 2011. Benzene was also present in outdoor air at a concentration in the range of the subslab samples.

Groundwater: No chlorinated VOCs were detected in any of the samples. Concentrations of petroleum-related compounds were similar to or less than those detected previously.

Based on these data, EKI believes it is appropriate to close the site. We would appreciate it if you could review the attached data and let us know if you concur with that approach. You indicated that you would need to review all of the site data in context with the new data before rendering an opinion. Please do not hesitate to call me if you have questions about the data. Once we hear back from you (which you indicated could be more than a month), we will prepare a report of the findings and request for closure, if appropriate. As such, EKI would like you to consider this submittal in compliance with the 2/11/2012 submittal date.

We look forward to hearing back from you.

Thanks,
Michelle

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