

Detterman, Mark, Env. Health

From: Detterman, Mark, Env. Health
Sent: Tuesday, August 23, 2011 9:04 AM
To: 'pdking0000@aol.com'
Subject: RE: ACEH Correspondence for RO387

Paul,
Thanks for the clarification; it should help move the site along.

Mark Detterman
Senior Hazardous Materials Specialist, PG, CEG
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502
Direct: 510.567.6876
Fax: 510.337.9335
Email: mark.detterman@acgov.org

PDF copies of case files can be downloaded at:

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

From: pdking0000@aol.com [mailto:pdking0000@aol.com]
Sent: Monday, August 22, 2011 5:35 PM
To: Detterman, Mark, Env. Health
Cc: Steidtmann@aol.com
Subject: Re: ACEH Correspondence for RO387

Hi Mark,

Along with providing quantification of the different carbon ranges, the lab also provides descriptors with the different carbon ranges that identify what range of petroleum (gas, diesel, etc.) the chromatograms are most representative of. In this way speciation is provided in the lab reports. On a few rare occasions I have also obtained the chromatograms from the lab, but this has most often not been necessary.

Paul

-----Original Message-----

From: Detterman, Mark, Env. Health <Mark.Detterman@acgov.org>
To: 'PDKing0000@aol.com' <PDKing0000@aol.com>
Cc: Steidtmann@aol.com <Steidtmann@aol.com>
Sent: Mon, Aug 22, 2011 10:35 am
Subject: RE: ACEH Correspondence for RO387

Hi Paul,

Will you be able to distinguish between TPHg / TPHd and TPHbo if each detects within the same carbon range? Will a comparison of chromatographs be included to help speciate the TPH ranges? Or would a TPH multi range analysis work best?

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From: PDKing0000@aol.com [<mailto:PDKing0000@aol.com>]
Sent: Saturday, August 20, 2011 6:07 PM
To: Detterman, Mark, Env. Health
Cc: Steidtmann@aol.com
Subject: Re: ACEH Correspondence for RO387

Hi Mark,

I have the following responses to technical comments in your letter dated 8/15/11 for RO387 at 2301 E 12th Street in Oakland.

Analysis for TPH - Bunker Oil

TPH-MO has a carbon range of C18 to C36. However, the detection limit for groundwater samples is 250 ug/L, which is greater than the SFRWQCB May 2008 Table A ESL for TPH residual fuels of 100 ug/L. So even if all of the TPH-MO results are ND, the results are inconclusive with respect to the TPH residual fuels ESL. To address this, I have the lab analyze for TPH- Bunker Oil (TPH-BO). The carbon range for TPH-BO is C10 to C36 which encompasses the TPH-MO range, and the detection limit for groundwater samples is 100 ug/L, allowing unambiguous comparison of the results with the TPH residual fuels ESL. Analysis for TPH-BO in this case is not based on a concern for a bunker oil UST.

SB13 Designation

The identification of a proposed boring location as SB13 was on oversight. All of the proposed boring location designations will be identified as one digit greater than the proposed designations when the samples are collected.

Please let me know if you have any questions or need any additional information. Thank you!

Paul

Paul H. King
Professional Geologist

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Paul.King@pdenviro.com

In a message dated 8/15/2011 11:16:17 Pacific Standard Time, deh.loptoxic@acgov.org writes:

Dear Interested Parties,

Attached is Alameda County Environmental Health's (ACEH) correspondence for your case, RO0000387.

Please add our e-mail address to your address book to prevent future e-mails from being filtered as spam.

Sincerely,

ACEH

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