

Plunkett, Steven, Env. Health

From: PDKing0000@aol.com
Sent: Sunday, May 24, 2009 11:21 AM
To: Plunkett, Steven, Env. Health
Subject: Request for County Position on SWRCB Petroleum Vapor Attenuation
Attachments: VIFactSheetRobinDavisApril2009.ppt

Hi Steven,

Here's the question: Do you know if Alameda County has a position on this information from the SWRCB?

Details:

I have provided below an excerpt from an e-mail from George Lockwood of the UST Fund regarding a 4/22/09 UST Fund webinar on attenuation of petroleum vapors in the vadose zone. I reviewed the distribution list for the e-mail and didn't see anyone from Alameda County on the list (it appeared that most other counties and some cities, including Oakland, Berkeley and San Leandro among others, were on the list), so I'm wondering if you received this information.

I am also forwarding to you the one page attachment that was attached with the e-mail from George Lockwood (document VIFactSheetRobinDavis2009.ppt). What I get out of the second graph is that benzene vapors from groundwater benzene concentrations of about 8,000 ug/L or less were fully attenuated with 5 feet of overburden.

Please let me know at your earliest convenience. Thank you!

Best regards,

Paul King
Professional Geologist

P&D Environmental, Inc.
55 Santa Clara Avenue, Suite 240
Oakland, CA 94610

510-658-6916 (telephone)
510-834-0152 (facsimile)
Paul.King@pdenviro.com

From: George Lockwood [mailto:GLockwood@waterboards.ca.gov]
Sent: Monday, April 13, 2009 1:20 PM

Subject: Bio-Attenuation of Petroleum Hydrocarbon Vapors in
theSubsurface_4/22_9to12_WebEx_Rm1710

Sorry, I am resending this email because the attachments added to greater than 10 megs.

Hi all,

Here is the WebEx invitation w/instructions to log in. If you cannot get logged in for some reason, I have attached Robin's slide presentation.

Our speaker Robin Davis holds a Bachelor of Science in Geology. Since 1976, she has worked for the states of California, Arizona and Utah in hydrologic investigations and petroleum remediation. She has helped

develop state guidance for risk-based corrective action, monitored natural attenuation and site investigations. Robin's most recent work includes optimizing site investigations for studying the vapor intrusion pathway, and the study of subsurface petroleum hydrocarbon vapor occurrence and attenuation at sites in the United States and Canada.

I hope to hear you on 4/22, George

Topic: UST Technical Forum

Date: Wednesday, April 22, 2009

Time: 9:00 am, Pacific Daylight Time (GMT -07:00, San Francisco)

George W. Lockwood, MSCE, PE-Civil #59556

Chief, UST Cleanup Unit 15-17

State Water Resources Control Board

Division of Water Quality

1001 "I" Street

PO Box 2231

Sacramento, CA 95812

Email: glockwood@waterboards.ca.gov

Web: <http://www.waterboards.ca.gov/ust/cleanup/index.html>

(916) 341-5752 Desk

(916) 341-5808 Fax

An Excellent Credit Score is 750. [See Yours in Just 2 Easy Steps!](#)