

Detterman, Mark, Env. Health

From: Detterman, Mark, Env. Health
Sent: Thursday, June 23, 2011 9:50 AM
To: 'PDKing0000@aol.com'
Cc: donaldjaym@comcast.net
Subject: RE: California Linen Geophysical Resistivity Profile and Soil Gas Location Amendment

Hi Paul,

Thanks for the update. I would request the addition of one point between SG63 & SG64 in the light blue zone on the map, otherwise the spacing looks like it will be about 125 ft between 63 & 64, while the other points are about 50-ish feet apart. It also provides better coverage of any potential offsite influx to the site and is "NE" of SG51 which had higher levels onsite; better coverage. You can use this email as documentation of this request.

However, let me know if you have a specific technical reason for not including it.

Thanks,

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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: Wednesday, June 22, 2011 6:34 PM
To: Detterman, Mark, Env. Health
Cc: donaldjaym@comcast.net
Subject: California Linen Geophysical Resistivity Profile and Soil Gas Location Amendment

Hi Mark,

You will find attached a pdf copy of the California Linen geophysical resistivity profile results along 41st Street with some revised proposed soil gas sample collection locations (document 0304.R19 Figure X.pdf).

Four of the seven proposed soil gas sample collection locations (SG62, SG63, SG64, SG66) will be shifted approximately 15 to 20 feet to coincide with higher permeability zones shown on the resistivity profile. The red arrows show the new proposed locations. Please note that location SG63 has been shifted to coincide with a shallow (2 to 3 foot depth) high permeability zone. This new location for SG63 also coincides with the property boundary between the commercial property on the corner of Linden and 41st Street and the first residential property to the east of the commercial property. This new location also coincides with the location where I have observed at the ground surface the differential settlement of the asphalt between the sidewalk and the commercial building.

During the resistivity profile, a magnetometer detected subsurface metal at the location where the asphalt is differentially settling. However, because of the adjacent chain link fence and also the presence of rebar in an adjacent concrete wall in for the building, the depth and extent of the metal could not be further evaluated.

I have scheduled the driller for their earliest availability which is July 27 and 28, 2011. Please let me know if you have any questions. Thank you!

Paul

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Professional Geologist

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