

Nowell, Keith, Env. Health

From: Nowell, Keith, Env. Health
Sent: Tuesday, November 08, 2016 3:56 PM
To: 'Jan'
Cc: 'Kevin Loeb'; Roe, Dilan, Env. Health; Khatri, Paresh, Env. Health
Subject: RE: 1607 2nd Ave. Oakland, CA , RO0003170

Jan,

Please note that Appendix E of the July 2015 *Advisory- Active Soil Gas Investigations* prepared by California Environmental Protection Agency/ Department of Toxic Substances Control (Cal EPA / DTSC), and the Regional Water Quality Control Boards of the Los Angeles (LARWQCB) and San Francisco (SFRWQCB) regions states that naphthalene readily sorbs onto Nylaflow tubing. Therefore, using the TO-15 analysis is not suitable for naphthalene concentration determination.

Alameda County Department of Environmental Health (ACDEH) requests sampling for naphthalene using EPA test method TO-17. In order to verify the integrity of the sample train, we request you include recovery and analysis of your tracer compound and the fixed gasses oxygen, carbon dioxide, and nitrogen. Alternatively, please provide a discussion addressing leak detection and why the requested analyses need not be performed.

Regards,
Keith Nowell

From: Jan [mailto:js@schutze-inc.com]
Sent: Tuesday, November 08, 2016 3:29 PM
To: Nowell, Keith, Env. Health <Keith.Nowell@acgov.org>
Cc: 'Kevin Loeb' <kevin@schutze-inc.com>
Subject: RE: 1607 2nd Ave. Oakland, CA , RO0003170

Hi Keith,
We used Nylaflow® tubing for the soil vapor sampling.
Please let us know if you require TO17 sampling for Naphtalene.
Thank you,
Jan Schutze

From: Nowell, Keith, Env. Health [mailto:Keith.Nowell@acgov.org]
Sent: Tuesday, November 08, 2016 9:32 AM
To: 'Jan'
Cc: 'Marietta Chinni'; 'Kevin Loeb'
Subject: RE: 1607 2nd Ave. Oakland, CA , RO0003170

Jan,

As we discussed this morning, without historic data for naphthalene, I am requesting the TO-17 samples be collected for naphthalene confirmation. Should additional investigations be conducted in the future, ACDEH can revisit the TO-17 analysis.

Thank you,
Keith Nowell

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From: Jan [<mailto:js@schutze-inc.com>]
Sent: Monday, November 07, 2016 4:06 PM
To: Nowell, Keith, Env. Health <Keith.Nowell@acgov.org>
Cc: 'Marietta Chinni' <mari@schutze-inc.com>; 'Kevin Loeb' <kevin@schutze-inc.com>
Subject: 1607 2nd Ave. Oakland, CA , RO0003170

RE: 1607 2nd Avenue, Oakland - #RO0003170

Hi Keith,

The soil vapor sampling at 1607 2nd Avenue in Oakland was done today. You had requested in your response letter to our work plan that we should include naphthalene by TO17. However, during the sampling process, we inadvertently omitted the installation of the sorbent tube for TO17 in the soil vapor sampling train. We have been informed by the laboratory that naphthalene can be included in Method TO15. If acceptable, we can have the soil vapor analyzed for naphthalene via TO15. The reporting limit for naphthalene using TO15 is 5.0 micrograms per cubic meter, which is below the ESL of 41 micrograms per cubic meter. If this is not acceptable, we can re-sample the soil vapor locations using the sorbent tube for TO17. Please let us know which of these two solutions you would like us to move forward with.

Thank you,

Jan Schutze

