

Detterman, Mark, Env. Health

From: Detterman, Mark, Env. Health
Sent: Tuesday, February 19, 2013 2:08 PM
To: 'Erik Brown'
Cc: 'Michael Lamphere'; pelco1969@sbcglobal.net; Chris Mai
Subject: RE: ACEH Site RO3069 - Apex Refrigeration, 1550 Park Avenue, Emeryville

Erik,
Thanks for the utility line location photos. Your proposal to install the bores with a hand auger appears to be an appropriate precaution due to the located electrical and water lines; however, I would strongly advise against the use of an air knife since analysis for volatiles and semi-volatiles are still planned. The use of an air knife can significantly affect volatile contaminant concentrations; the results are essentially non-representative of subsurface contaminant concentrations, which is the whole reason behind the planned work. As a consequence, and as a standard practice, ACEH does not approve or recommend use of an air knife. Reviewing the photos, and utility locations, it appears that there is some flexibility in bore placement that should allow the bores to be installed nearly as previously planned. Modest location adjustments and hand augering should allow you to get the bores installed. Let me know if you have other questions, but you can use this email as approval for use of hand augers for the soil bore installation.

Regards,

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PDF copies of case files can be downloaded at:

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

From: Erik Brown [<mailto:erik.brown@errg.com>]
Sent: Thursday, February 14, 2013 10:26 AM
To: Detterman, Mark, Env. Health
Cc: 'Michael Lamphere'; pelco1969@sbcglobal.net; Chris Mai
Subject: ACEH Site RO3069 - Apex Refrigeration, 1550 Park Avenue, Emeryville

Mr. Detterman,

This email is in regards to the proposed site investigation for Apex Refrigeration Corp. at 1550 Park Avenue in Emeryville. On January 24, 2013, ACEH approved the Workplan for Soil and Groundwater Investigation for the site. In the Workplan, ERRG proposed using a direct push drill rig to collect the soil and groundwater samples. In the process of clearing the site for utilities, it appears that there are numerous utilities in the area of the proposed boreholes. Attached are a few pictures from the site indicating the locations of the identified utility lines. The former UST location is underneath the new concrete planter in the photo. Due to the proximity of the utility lines to the proposed boreholes, ERRG would like to modify the proposed sampling approach and collect the soil samples using a hand auger since it would not be safe to drill in the area. If a hand auger is not effective in collecting the samples, an airknife will be used. The sampling depths and analytical suite would remain unchanged. Groundwater samples will be collected using a temporary PVC screen installed in each boring. Please let me know if you concur with the revised approach, and let me know if you have any questions.

Thank you,
Erik Brown

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