

## Nowell, Keith, Env. Health

---

**From:** Mehrdad Javaherian <mehrdad@lrm-consulting.com>  
**Sent:** Wednesday, July 26, 2017 12:46 PM  
**To:** Nowell, Keith, Env. Health  
**Cc:** gkongwashworld@comcast.net; ron patelvidge; 'pton@ww-envlaw.com' ;  
'Michael Harrison'; Roe, Dilan, Env. Health; J redding email; John Till  
(jtill@PaladinLaw.com)  
**Subject:** Re: RO2981 and GeoTracker Global ID T10000000416, Red Hanger Kleeners, 6235-6239  
College Ave., Oakland

Keith

We are in the field performing this work as we speak and will be there all week.

We have been collecting soil samples using acetate liners per the County's reference. At one offsite well location where a small dolly rig was being used due to space restriction in the alley, we had to resort to hand adhering the final few feet of the well, in which case we collected one soil sample with a terracore sampler.

A larger rig is being used for the wells onsite, in which case we continue to use the acetate liner.

Please let me know if you have any questions.

Regards,

Mehrdad Javaherian, PhD, PE, LEED-GA  
415-706-8935  
www.lrm-consulting.com

Typos courtesy of my Samsung Galaxy S8+

On Jul 26, 2017 12:19 PM, "Nowell, Keith, Env. Health" <Keith.Nowell@acgov.org> wrote:

Michael,

Thank you for your email. Following our phone conversation we were able to determine our outside phone line for incoming calls was down.

Test Method 5035, though dated, is a validated test method per SW-846. The intent of Method 5035 includes minimizing VOC loss during the field screening/sampling process. Per our phone conversation on July 25, 2017 with regard to the

field investigation, our Directive letter of June 30, 2017 stated that the sample collection method described using an un-sleeved split-spoon sampler for collection of soil samples, as presented in the work plan dated June 19, 2017, is inappropriate for the PCOCs as volatilization of the samples may result in non-representative PCOC concentrations. As described in the work plan, transferring a soil sample from an un-sleeved split spoon sampler into an 8-ounce glass jar without indicating jar head space, sealing, or presence of a liquid solution (e.g. reagent water, solvent, etc.) presents conditions that do not appear to meet industry standards.

Our recommendation was to use a sampling methodology which would minimize potential volatilization during sample collection, indicating soil can be collected in acetate (or similar) tubes for logging, and selected sample screening and collection. Our recommendation is consistent with SW-846. In our letter we did not discuss sample collection with the use of a sub-core coring tool for aliquot submittal to the analytical laboratory as it was not our intent to preclude other appropriate sampling/submittal methodologies.

It should be noted that improper post-collection handling of samples may negate any attempt to collect samples with representative VOC concentrations. We rely on the professionalism and experience of the consultants to perform their work in accordance with industry standards.

Thank you for expressing your concern in this matter.

Regards,

Keith Nowell

---

**From:** Michael Harrison [mailto:mharrison@enviroassets.com]  
**Sent:** Tuesday, July 25, 2017 3:39 PM  
**To:** Nowell, Keith, Env. Health <Keith.Nowell@acgov.org>  
**Subject:** Red Hangar Kleaners

Hi Keith:

We are in the field today and I have a pressing question regarding sampling methodology but am unable to get through on the telephone (it is always busy). Can you shoot me a call on cell at 510.390.6518?

Sincerely,

Michael Harrison, P.E., QSD/QSP, LEED AP  
Principal

**EnviroAssets, Inc.**

Voice: (510) 346-9500

Fax: (510) 346-9501

Email: [mharrison@enviroassets.com](mailto:mharrison@enviroassets.com)

Web: <http://www.enviroassets.com/>

=====

This communication constitutes an electronic communication within the meaning of the Electronic Communications Privacy Act, 18 USC 2510, and its disclosure is strictly limited to the recipient intended by the sender of this message. This communication may contain confidential and privileged material for the sole use of the intended recipient and receipt by anyone other than the intended recipient does not constitute a loss of the confidential or privileged nature of the communications. Any review or distribution by others is strictly prohibited. If you are not the intended recipient please contact the sender by return electronic mail and delete all copies of this communication.