

## Nowell, Keith, Env. Health

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**From:** Nowell, Keith, Env. Health  
**Sent:** Friday, May 12, 2017 11:00 AM  
**To:** 'Dacre Bush'  
**Cc:** Ed.C.Ralston@p66.com; Roe, Dilan, Env. Health; Khatri, Paresh, Env. Health  
**Subject:** RE: Notification of Soil Gas Survey at Station 11117 located at 7210 Bancroft Avenue, Oakland; ACDEH case file # RO356

Good Morning Dacre,

I received your voice mail (VM). I reviewed my email and case notes and concluded your VM message was the first mention of objecting to the installation of the semi-permanent soil gas probes. Alameda County Department of Environmental Health (ACDEH) prefers temporal sampling events be conducted at the same location, hence our request for semi-permanent soil gas probes.

If the State Cleanup Fund and your client do not object to the additional costs incurred by multiple mobilizations, you may proceed with temporary well installations.

Regards,  
Keith Nowell

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**From:** Dacre Bush [mailto:Dacre.Bush@anteagroup.com]  
**Sent:** Friday, May 05, 2017 12:42 PM  
**To:** Nowell, Keith, Env. Health <Keith.Nowell@acgov.org>  
**Cc:** RCheung@Geosyntec.com; Jeff Friedman <Jeff.Friedman@anteagroup.com>  
**Subject:** FW: Notification of Soil Gas Survey at Station 11117 located at 7210 Bancroft Avenue, Oakland; ACDEH case file # RO356

Keith,

We have scheduled the SGS at 7210 Bancroft Avenue, Oakland (ACDEH case file # RO356) for the week of May 22.

We are still waiting for your response to follow that original work plan, as long as we obtain soil samples from all the soil gas probe locations.

**Dacre Bush | Consultant | USA**

**Antea®Group**

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**From:** Dacre Bush

**Sent:** Thursday, March 02, 2017 9:07 AM

**To:** 'Nowell, Keith, Env. Health'

**Cc:** Jeff Friedman; Tony Banks; Mike Martinson; [RCheung@Geosyntec.com](mailto:RCheung@Geosyntec.com); Roe, Dilan, Env. Health; Khatri, Paresh, Env. Health

**Subject:** RE: Notification of Soil Gas Survey at Station 11117 located at 7210 Bancroft Avenue, Oakland; ACDEH case file # RO356

Keith - The weather forecast for Oakland indicates a 50 percent and 70 percent chance of rain this Saturday and Sunday, respectively. The amount of rainfall is estimated to be 0.76 inch and 0.1 inch for Saturday and Sunday. There's also a chance of rain next Wednesday March 8. According to the DTSC Advisory, a significant rain is defined as 0.5 inch or greater of rainfall during a 24-hour period. The Advisory also states that soil gas sampling should not occur during a significant rain event and should only occur after 5 days without a significant rain event. While there has been very little precipitation in Oakland this past week, the forecast of rain this weekend suggests that field activities for soil gas sampling at the 7210 Bancroft Ave property should be delayed.

Antea Group requests adhering to the approved scope of work for the soil gas sampling but postponing all the sampling activities to late April or early May when the chances of rain are lower and therefore meet the DTSC advisory for the collection of representative soil gas samples. Antea Group has no issues for collecting additional soil samples at 5ft bgs for analysis.

Please call or e-mail if you have any questions regarding this request.

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**From:** Nowell, Keith, Env. Health [<mailto:Keith.Nowell@acgov.org>]

**Sent:** Wednesday, March 01, 2017 3:30 PM

**To:** Dacre Bush

**Cc:** Jeff Friedman; Tony Banks; Mike Martinson; [RCheung@Geosyntec.com](mailto:RCheung@Geosyntec.com); Roe, Dilan, Env. Health; Khatri, Paresh, Env. Health

**Subject:** RE: Notification of Soil Gas Survey at Station 11117 located at 7210 Bancroft Avenue, Oakland; ACDEH case file # RO356

Dacre,

Last discussed, the site was identified as a dirt-surfaced lot near the base of a gently sloping paved area. Alameda County Department of Environmental Health (ACDEH) is concerned that the amount of rainfall which has occurred in these past few months may have infiltrated the soil to such a degree to suppress soil vapor concentrations. Therefore, ACDEH recommends installation of permanent soil gas probes for temporal monitoring of soil vapor at the site.

Additionally, please note that the California Department of Toxic Substances Control's (DTSC) guidance document *Advisory – Active Soil Gas Investigation (Advisory)*, dated July 2015, includes a section regarding rainfall and barometric pressure. When evaluating weather conditions, ACDEH requests using (a) local weather station(s) for appropriate data evaluation. Please follow the Advisory with regard to executing field activities.

ACDEH also request the inclusion of rainfall data and identification of nearby weather stations to support the date of field activities.

As indicated above, recent rainfall may influence the soil gas concentrations. Therefore we requests soil samples be collected at the base of all the soil bores and submitted for laboratory analysis.

Additionally, ACDEH requests the inclusion of our case file number in the subject line in future correspondences with regard to this case.

Thank you for your cooperation. ACDEH looks forward to working with you and your consultants to advance the case toward closure. Should you have any questions regarding this correspondence or your case, please call me at (510) 567-6764 or send an electronic mail message at [keith.nowell@acgov.org](mailto:keith.nowell@acgov.org).

Respectfully,  
Keith Nowell

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**From:** Dacre Bush [<mailto:Dacre.Bush@anteagroup.com>]

**Sent:** Wednesday, March 01, 2017 11:03 AM

**To:** Nowell, Keith, Env. Health <[Keith.Nowell@acgov.org](mailto:Keith.Nowell@acgov.org)>

**Cc:** Jeff Friedman <[Jeff.Friedman@anteagroup.com](mailto:Jeff.Friedman@anteagroup.com)>; Tony Banks <[Tony.Banks@anteagroup.com](mailto:Tony.Banks@anteagroup.com)>; Mike Martinson <[mike.martinson@anteagroup.com](mailto:mike.martinson@anteagroup.com)>; [RCheung@Geosyntec.com](mailto:RCheung@Geosyntec.com)

**Subject:** Notification of Soil Gas Survey at Station 11117 located at 7210 Bancroft Avenue, Oakland

Keith,

The e-mail is notification for the soil sampling and soil gas survey for site #11117.

**Schedule for March 6-8 is forecasted as follows:**

**Monday (March 6):** Field installation of 25 SGS points using hand auger with two Geosyntec field staff. Collection of soil samples at 5.5 ft bgs in about 1/2 of the borings is planned. Soil analysis includes naphthalene.

**Tuesday (March 7):** If field installation is not complete on Monday, then on Tuesday field work will be finished up.

**Wednesday (March 8):** First set of SGS sampling to be conducted, weather/no rainfall permitting – less than 0.5 inches of rain within 48 hrs of the SG sampling event.

Please call or e-mail if you have any questions.

**Dacre Bush | Consultant | USA**

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