

Wickham, Jerry, Env. Health

From: Wickham, Jerry, Env. Health
Sent: Tuesday, September 14, 2010 5:39 PM
To: 'Suzanne McClurkin-Nelson'
Cc: denis.l.brown@shell.com; Abhik Dutta; Regina Bussard
Subject: RE: ACEH Correspondence for RO372 (15275 Washington, San Leandro)

Hi Suzanne,

Your proposal to analyze fixed gases for only the sample locations with multiple vertical samples is acceptable. Collection of additional samples for fixed gases from the four single sample points indicated below does not appear to be warranted.

Regards,
Jerry Wickham
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
phone: 510-567-6791
jerry.wickham@acgov.org

From: Suzanne McClurkin-Nelson [mailto:SMcClurkin-Nelson@deltaenv.com]
Sent: Tuesday, September 14, 2010 4:00 PM
To: Wickham, Jerry, Env. Health
Cc: Suzanne McClurkin-Nelson; denis.l.brown@shell.com; Abhik Dutta; Regina Bussard
Subject: RE: ACEH Correspondence for RO372 (15275 Washington, San Leandro)
Importance: High

Hi Jerry; We actually collected soil gas samples last Thursday (9/9/10) at the site referenced above. Unfortunately, we were able to collect a complete sample set (with probes set at three sample depths) at only two of the nine well locations (offsite wells SVG-8 and SVG-9), and were able to collect samples from two of the three probe depths at three well locations (onsite well SVG-2 and offsite wells SVG-5 and SVG-6). We were able to collect complete samples from only the shallowest probes (3-3.5 feet bgs) from two onsite wells (SVG-1 and SVG-3) and two offsite wells (SVG-4 and SVG-7) (see attached site map). Wells from which we were not able to collect deeper samples either had standing water in the well or condensation which collected in the tubing and Tedlar bags, rendering the soil gas sample unusable.

Out of the 16 samples collected, we requested fixed gases oxygen and carbon dioxide for all wells from which we were able to collect samples from at least two sample depths, which translated into 75% of the samples. We did not request those additional analytes for the wells from which we were able to collect only a single sample point, as we were interested in looking at the vertical distribution of those gases. I was able to contact the laboratory today and request that they add methane to our fixed gas analyses, however.

Please let me know if you find our current data set acceptable; in order to run the specified fixed gas analyses on the additional four samples which represent only a single data point, we would either have to run the analyses out of hold (assuming there is sufficient media left) or go back to the site and collect fresh samples from those four sample points. If you feel we have a sufficient sample set with what has been collected, we focus our fixed gas evaluation to the samples already collected and submitted. Let me know what you think - thanks!

Suzanne McClurkin-Nelson | Consultant | North American Operations
Delta Consultants, an Oranjewoud N.V. Company
Direct +1 408 826 1875 | Mobile +1 408 796 8889 | Alternate +1 408 582 4422
smcclurkin-nelson@deltaenv.com | www.deltaenv.com

SUSTAINABLE STRATEGIES FOR GLOBAL LEADERS

From: dehloptoxic, Env. Health [mailto:deh.loptoxic@acgov.org]
Sent: Tuesday, September 14, 2010 11:13 AM
To: Suzanne McClurkin-Nelson
Cc: Drogos, Donna, Env. Health
Subject: ACEH Correspondence for RO372

Dear Interested Parties,

Attached is Alameda County Environmental Health's (ACEH) correspondence for your case, RO0000372.

Please add our e-mail address to your address book to prevent future e-mails from being filtered as spam.

Sincerely,

ACEH