

From: [Laurent C. Levy](#)
To: [John Mousa](#); [Scott Miller](#)
Cc: [Taylor, Mark](#); [Wayne Reiber](#); [Manu Sharma](#)
Subject: RE: Comments on Revised VI Work Plan, Former Cabot Site, Gainesville, Florida
Date: Wednesday, March 28, 2012 12:25:53 PM

John and Scott,

I meant to close the loop on ACEPD /City of Gainesville's additional comments (below) on the revised VI plan. I believe Comment 2 (Section 3.2) falls within the broader issue of communication which Wayne has been addressing with you.

Regarding the other comment (Comment 1 at 5th bullet of page 10) about differential pressure measurement:

It is possible that differential pressure (DP) readings taken immediately following implant installation may not be viewed as representative. However, it is meant as initial screening. Another DP reading is taken prior to sampling (during the purge – see sketch in Attachment 2 with device shown). Typical instrument used for these measurements are micro-manometers such as <http://www.dwyer-inst.com/Product/Pressure/Manometers/Digital/Series475>, which tend to be more reliable than Magnehelic gauges.

More representative data are taken during DP monitoring over a 24-hour period using data logging (Section 3.4.6). This helps observing DP fluctuations and determining whether DP responds to HVAC operating changes that may take place during the day (e.g., possible shut down or sleep mode at night). Here is a type of instrument that can be used to do this: <http://www.tsi.com/VELOCICALC-Multi-Function-Ventilation-Meter-9565-P/>. To conduct DP monitoring at several locations simultaneously, several of these instruments can be readily rented from companies such as Pine Environmental at a relatively moderate price.

Let me know if you have additional questions.

Thank you,

Laurent

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Laurent C. Levy, Ph.D., P.E. | Gradient

From: John Mousa [mailto:jjm@alachuacounty.us]
Sent: Tuesday, March 20, 2012 1:59 PM
To: Laurent C. Levy; Scott Miller; ta@protectgainesville.org; pearsonse@cityofgainesville.org; Kelsey Helton; Wayne Reiber (wayne_reiber@cabot-corp.com); Manu Sharma; Taylor, Mark
Cc: Chris Bird; Richard H Hutton; jherbert@geohydroconsultants.com; Pearson, Stewart E.; Murry, Fredrick J.
Subject: ACEPD and City of Gainesville Comments on DRAFT VI Factsheet and FAQs, Former Cabot Site, Gainesville, Florida

Scott,

ACEPD and the City of Gainesville have reviewed the Draft VI Factsheet and FAQs and the Revised VI workplan submitted by Gradient Corp Dated February 28, 2012.

The revised workplan appears to have addressed most of the comments made previously by the ACEPD and the City on the draft workplan of November 30, 2011. We have the following remaining comments on the revised Workplan:

- 1) Page 10 the 5th bullet: This specifies that the differential pressure will be measured across the floor slab immediately after the installation of each of the temporary probes. Because of the immediately preceding probe installation any differential values gathered would seem to not be representative of the differential pressure that may have existed prior to the installation of the probe. If the readings are to serve as a surrogate for the integrity test for each probe then this part of the procedure should remain as is. If the object of differential pressure (DP) reading is to determine the most usual DP across the floor slab, the reading should be taken just prior to the canister sample collection.
- 2) Section 3.2- Public Outreach Plan: The City of Gainesville has some concerns about the mechanism to be used to communicate with property owners about the planned VI study. The plan does not provide details. The City requests that additional discussions be held between Cabot//Gradient and EPA and the City to better understand and coordinate this communication. This issue needs to be discussed with Mr. Fred Murry, Asst. City Manager. Contact number is (352) 393-8676 and e-mail address in murryfj@cityofgainesville.org

Comments and Issues on Factsheet and FAQs—

- 1) As expressed previously in our e-mail from March 7, 2012, we believe that the draft fact sheet and frequently asked questions for the VI study may need to be simplified and not be too long and overly complex and technical. ACEPD has drafted suggested revisions to the submitted fact sheet and FAQs and this is included in the attachment. Note that as expressed before, we believe that USEPA should be listed as the contact and not ACEPD on the fact sheet. Note also that there appears to be a discrepancy between the text and figure on the number of boreholes per store locations.

If you have any questions about these comments or suggested changes please give me a call.

Thanks

John Mousa

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From: Laurent C. Levy [<mailto:LLevy@gradientcorp.com>]
Sent: Tuesday, February 28, 2012 7:11 PM
To: Scott Miller (Miller.Scott@epamail.epa.gov); ta@protectgainesville.org; pearsonse@cityofgainesville.org; John Mousa; Kelsey Helton (Kelsey.Helton@dep.state.fl.us)
Cc: Wayne Reiber; Gerry Caron; Manu Sharma; Taylor, Mark
Subject: DRAFT VI Factsheet and FAQs, Former Cabot Site, Gainesville, Florida

All,

Attached is a DRAFT VI Factsheet and FAQs related to the vapor intrusion assessment to be conducted at the Former Cabot Site, Gainesville, Florida.

Please provide your comments and feedback. Once we receive your input, we can update/reformat this document and provide you with a final version to be posted on the ACEPD website and shared with other stakeholders.

Please contact us if you have any questions.
Thank you,

Laurent

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