

**From:** John Mousa  
**To:** [Miller.Scott@epamail.epa.gov](mailto:Miller.Scott@epamail.epa.gov)  
**Subject:** FW: Additional Comment on Soil Gas Study by Cabot at Northside Shopping Center, Gainesville Florida  
**Date:** Wednesday, March 06, 2013 1:01:00 PM

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Resend of earlier email.

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**From:** John Mousa  
**Sent:** Wednesday, March 06, 2013 9:13 AM  
**To:** 'miller.scott@epamail.epa.com'  
**Cc:** 'Pearson, Stewart E.'; Dean.Williamson@CH2M.com; 'Hutton, Richard H'; Murry, Fredrick J.; Patricia Cline  
**Subject:** Additional Comment on Soil Gas Study by Cabot at Northside Shopping Center, Gainesville Florida

Scott,

ACEPD and the City of Gainesville have the following additional comment on the Draft Soil Gas Investigation Report at Former Cabot Site - December 14, 2012. This additional comment is related to the elevated soil gas concentrations observed at sample location SG-01 near the northeast border of the shopping center. The soil vapor concentrations at sampling location SG-01 are consistent with NAPL being present in the vicinity of the boring. In particular, the ethylbenzene vapor concentration is consistent with the presence of a NAPL containing ethylbenzene at a mole fraction of approximately 1.5% or greater. The potential presence of NAPL in the vicinity of this boring raises the question of the suitability of the vapor intrusion model for evaluating indoor vapor intrusion in this portion of the facility.

Further evaluation of the potential presence of NAPL near this boring would be prudent. This could be achieved through installation of a shallow soil boring or borings near SG-01 and collection and analysis of soil samples. Collection of a shallow groundwater sample in this area is also advisable, given the elevated soil gas concentrations.

If you have any questions about this issue please contact me and I can set up a discussion with the City of Gainesville's consultant Dean Williamson who brought this item to our attention.

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