

From: Robin Hallbourg
To: JJM@alachua.fl.us
Date: 2/1/2006 10:41:13 AM
Subject: Koppers - Field Sampling Comments and Drilling

John,

I left a voice mail a few minutes ago. I have a severe cold and won't be in today. I did stop by Koppers yesterday, they were coring the Ocala Limestone at the source area well downgradient of the south lagoon, FW-19B, (at 3:15 they had pulled the core from 175-185' bls). Jim Toth reported some PID hits up to 20 ppm in upper zones with strong hydrogen sulfide odors.

I looked over GeoTrans responses briefly-

They reported that one "field blank" was run with lab analyte free water. I'd need to review the CERCLA requirements, but FDEP requires one field blank with the water you rinse equipment with (in this case the "store bought" distilled water) for every 10 field samples.

I still believe there should be better documentation of field calibration, FDEP requires that you check your calibration using standards that bracket the range of your field analytes, i.e. conductance we normally use a 100 and 500 uS solutions to check after calibration with 1M KCl. For pH we always check the instrument with buffers, i.e. 7 and 10 or 4 and 7 depending on what levels are anticipated in the groundwater.

Perhaps EPA should consider having a field team from the Athens Office conduct a field audit and split samples with GeoTrans next time sampling is conducted.

Robin

1658 - E-mail between Robin Hallbourg and John Mousa ACEPD regarding GeoTRANS Response to ACEPD Comments of TRANSPARENT well Sampling - Feb 1, 2006