

# ***Alachua County Environmental Protection Department***

**Chris Bird, Director**

December 13, 2006

Ms. Amy McLaughlin  
Remedial Project Manager  
US EPA Region IV  
61 Forsyth Street  
Atlanta, GA 30303-3104

Re: Screening Results of Sediment and Water Quality Sampling of Springstead Creek and Ditched Tributaries North of Cabot-Koppers Superfund Site, Gainesville, FL

Dear Ms. McLaughlin:

Attached is the report on the screening sampling of sediments and water quality on Springstead Creek and its Ditched Tributaries North of the Cabot-Koppers Superfund Site completed by the Alachua County Environmental Protection Department on September 14, 2006. The scope of this sampling effort was to perform a preliminary screening of the near surface sediments and water quality of the target area to determine its current contamination status. At the six locations sampled, only the top 0 – 5 cm (0.16ft) was sampled and analyzed.

While the contamination levels found in the limited samples analyzed was low, ACEPD recommends that further more comprehensive sampling and testing be performed by USEPA or responsible parties in the ditch tributaries and Springstead creek at greater depths including from 0.16 – 0.5 ft below land surface (bls) and 0.5 – 2.0 ft bls to determine the contamination status of the deeper sediments. ACEPD does not consider that this limited sampling event satisfies the requirement in the USEPA Five Year Review Recommendations for greater assessment of the ditch tributaries and Springstead Creek. Contaminated deeper sediments may be present and exposed during extreme rain events in the future. Additional sampling is also needed especially at the outfall of the Koppers site drainage ditch to Springstead Creek to better confirm the presence of detected SVOC and metals and to better determine any public health threat or the threat to the aquatic ecosystem from the any contaminants detected.

Please contact me at (352) 264-6805 if you have questions about this study report.

Sincerely,

John J. Mousa, Ph.D.  
Pollution Prevention Manager

CC: Robin Hallbourg  
Chris Bird, Director ACEPD  
Jim Myles  
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