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ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

RECEIVED JUN 13 1983

MEMORANDUM

TO: Division File DATE: 6-9-83

FROM: [illegible] southern region

SUBJECT: LPC - General L16300000 - Cahokia / Dead Creek

☒ Information only

☐ Response requested

On May 24, 1983, William Schmidt, 104 Judith Lane, Cahokia Illinois 618/332-1652 came into this office to inquire if this Division could take samples from a well on his property to determine if contaminates from Dead Creek are entering the water pumped from his well. Mr Schmidt stated that he waters his garden from this well and that last year all of his tomato plants had died. He wondered if contaminates from the creek had anything to do with his plants dying. I said that we would be able to sample his water in an attempt to determine if he should continue to use the well. Mr Schmidt said that until he received the results, he would not use the well.

On June 8, 1983, this water went to Cahokia to sample Mr Schmidt's well. The well was constructed of an 1 1/4" iron pipe welded at unknown intervals. The total depth of the well was 44 feet with a well point at 36 feet. (the well point or screening extended from 36 feet to the 44 feet depth.) Before collecting both organic and inorganic samples the well pump was allowed to run for approx. 5 minutes. Samples were obtained from a faucet on the pump discharge. Water appearance was a cloudy brown with a slight sulfur or "rotten egg" odor. Mr Schmidt said that he has noticed lately that the water has a "red scummy oily sheen" on the surface when he pumps the water and then allows it to settle. Mr. Schmidt was told that results would be forthcoming in several weeks and that at that time results would be sent to him.

EPA-90A (6/75-10M) GR-91A