158382

RECORD OF COMMUNICATION

☒ PHONE CALL ☐ DISCUSSION ☐ FIELD TRIP ☐ CONFERENCE
☐ OTHER (SPECIFY)

(Record of item checked above)

TO: Michael O'Toole

FROM: Girard Steichen 217/782-4912 St. Louis Post Dispatch

DATE 4/18/84

TIME P.M.

SUBJECT

FIT Report - Sauget-Sauget Landfill

SUMMARY OF COMMUNICATION

Mr. Steichen had obtained a copy of this report and had some questions.

(1) What is the extent of contamination of the aquifer (Henry formation sands)? Unknown, no groundwater samples were collected only soil samples (above and below the water table) Point of study was to determine if Hazardous substances were disposed of in this portion of the landfill.

(2) Is the groundwater likely to be contaminated? Yes but to what extent unknown & Based my response on the assumption that if the soil is contaminated below the water table than the groundwater is likely to be contaminated. However, the groundwater will not be as contaminated as the soil since these organic compounds have more an affinity to the soil than the groundwater.

(3) What about the bedrock aquifer? Is is contaminated. I said the potential exists but due to the depth of the Henry formation sands (approximately 120 feet) it probably has not been affected

CONCLUSIONS, ACTION TAKEN OR REQUIRED

(4) What about a discharge to the Mississippi River? Depending on conditions the groundwater can discharge to the Mississippi River.

(next page)

INFORMATION COPIES

TO: cc: Pierre Talbert ; Russ Dreifenbach

EPA Form 1300-6 (7-72) REPLACES EPA HQ FORM 5300-3 WHICH MAY BE USED UNTIL SUPPLY IS EXHAUSTED.

(5) What happens next? Unknown, Agency developing a case.

(6) Soil Samples when were they collected?
July 1983

(7) 2,3,7,8 TCDD concentration? Two samples contained 2,3,7,8 TCDD 3.31 ppb + .11 ppb.
Method Detection Limit .16 ppb

(8) Old Newspaper story February 1983 - U.S. EPA was studying toxic dump. I told him that this study was probably the cage fish study and WWTP study.

(9) State of Illinois case against Paul Sauget - Illinois told reporter that they are waiting for the U.S. EPA & told him I was not aware of this and could not comment.