503 1. Kobel Hayes
22 Cahokia Street
Cahokia, ILL
62206
332-6798

25 ft pipe 2 ft well pt 8-10yrs old
(W. of Dead Creek)

506 2. Walter Allen
101 Walnut St
Cahokia, IL 62206

open surface well - 20yrs old
(NE of Dead Creek)

502 3. Norman Lyerla
118 Edwards St
Cahokia, ILL

well is 34' deep, installed 1961-66 ?
(SE of Dead Creek)

501 4. Ed Baumeyer
24 Cahokia St
W of Dead Creek

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CENTRAL DISTRICT OFFICE
DATA SUMMARY

SURVEY Sauget Ground Water Monitoring Survey
WATER DATA X SEDIMENT DATA ____

Table 1 (con't) conc. is in ug/L

82CX01	S01	S02	S03	S04	S05	S06	R09
bis(2-ethylhexyl)phthalate	64	62			19	*	
di-n-butyl phthalate	*	*	*	*	11	*	
diethyl phthalate	*	*	*	*			*
3,4-benzofluoranthene	*						
coelute benz(k)fluoranthene	*						
methylene chloride	16	16	2300	3100	990	2000	19
‡di-n-octyl phthalate		*	*				
1,2-dichlorobenzene				*			
1,4-dichlorobenzene				*			
butyl benzyl phthalate				*			*
chlorobenzene				*	*		
heptachlor				.11**	.14**		
beta-BHC				.18**	.30**	4.04**	
gamma-BHC				.16**	.25**		
aldrin				.17**			
alpha-BHC					.18**	.25**	
4,4'-DDE						.11**	
heptachlor epoxide						1.46**	
delta-BHC						.95**	

* = Less than 10 ug/L. (pesticides less than 5 ug/L.)
** = Not confirmed by GCMS
‡ - (di-n-octyl-phthalate) results unacceptable due to bad spike recovery of blind sample.

Contractor: Chem Tech

Table 2-Conc. in Mg/kg

CENTRAL DISTRICT OFFICE
DATA SUMMARY Survey Date: 3/3/82

SURVEY Sauget Ground Water Monitoring Survey
WATER DATA _____ SEDIMENT DATA X

82CX01	S07	S010	S011	R012
Total Aluminum MG/kg	750	600	430	<10
• Arsenic •	1.3	1.0	<1.0	<1.0
• Barium •	80	80	80	<10
• Boron •	<10	<10	<10	<10
• Cadmium •	1.06	1.64	0.29	<0.1
• Chromium •	2.2	<1.0	<1.0	3.2
• Chromium(hex) •				
• Cobalt •	<5.0	<5.0	<5.0	<5.0
• Copper •	16	24	13	<5.0
• Iron •	340	360	240	<5.0
• Lead ** •	45	20	25	<0.5
• Manganese •	120	630	134	<1.0
• Mercury * •	<0.02	<0.02	<0.02	<0.02
• Nickel •	6.5	5.5	4.0	<4.0
• Selenium •	<0.2	<0.2	<0.2	<0.2
• Silver •	<1.0	<1.0	<1.0	<1.0
• Tin •	<2.0	<2.0	2.0	<2.0
• Vanadium •	<20	<20	<20	<20
• Zinc •	96	77	130	<1.0
• Antimony •	<2.0	<2.0	<2.0	<2.0
• Thallium •	<1.0	<1.0	<1.0	<1.0
• Beryllium •	<0.5	<0.5	<0.5	<0.5
• Calcium mg/l				
• Magnesium •				
Total Sodium mg/l				
• Molybdenum mg/l				
• Titanium •				

* Mercury spike and check sample results low (data unreliable)
** Lead duplicate result does not appear consistent with other (spike and sample) results (do unreliabl

Contractor: Cal. Analytical Labs Inc.

CENTRAL DISTRICT OFFICE
DATA SUMMARY

SURVEY Sauget Ground Water Monitoring Su
WATER DATA ____ SEDIMENT DATA X

Survey Date: 3/3/82

Table 2 (con't) - Conc. in ug/g

82CX01	S07	S010	S011	R012
Methylene chloride	1.0	0.1		0.75
dieldren	0.012		0.004**	
chlordane		0.11**		
bis(2-ethylhexyl)phthalate			0.2K	0.44
fluoranthene	0.2K		0.2K	
benzo(a)anthracene	0.2K		0.2K	
anthracene	0.2K			
pyrene	0.5K		0.5K	
di-n-butyl phthalate			0.2K	0.2K
chrysene			0.2K	
endosulfan sulfate				.02K**

** This flag applies to pesticides parameters where identification has been performed by two column but the level is too low for verification of the cmpd by mass spectrometry

K If the mass spectral data indicate the presence of a cmpd that meets the ID criteria but the quantitative result is less than the specified detection limit but greater than zero.