164344

ecology and environment, inc.

International Specialists in the Environment

Job Number KJ5102

Sauget Area 1

E & E Job Number KJ5102

Telephone Code Number 00351

Site Name Sauget Area 1
St. Clair County

City/State Sauget, Illinois

104.

TDD S05-9703-012

PAN 7M1201TE

SSID

Start / Finish Date 4/16/97 /

Book 1 of 1

E & E Emergency Response Center: (716) 684-8940
E & E Corporate Center: (716) 684-8060
MEDTOX Hotline: (501) 370-8263
E & E Safety Director (Home): (716) 655-1260

4-18-97 Sauget Area #1

0730 - START Robin, Sinars, USC Borries, RPM Leah Evison
EPA Jim Chapman, meet FEPA Paul Takacs
weather sunny, calm, 50°F.

0810 - arrive at Cahokia city hall, OSC calls for access update, still on hold. backnote: mobed to E St. Louis on 4-16-97, did field work at Area 0, 2, on 4-17-97.

0830 - waiting for access, examining aerial photos.

0840 - Recon Areas from public roads

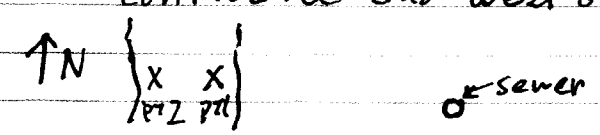
1000 - Access obtained, mobe to sample

1020 - collect F101 ~~at~~ beyond confluence of D. Creek + wetland. ≃ 50 south of conf.
1st photo of sample location cargill road in bkg. also F301 for dioxin. Stiff grey clay - 0-1' deep

1022 - OSC photos nest of canada goose at confluence. Both photos facing North

1030 - F102/F302 - 2 point composite - Down stream ≃ ~~200'~~ 300' south of confluence
one spot shown on photo, second spot near tree w/ beaver marks.
Spot 1 - near beaver tree, ~~0-6"~~ 6-10" deep, clay, silty grey, loose; spot 2 (on photo) 0-6", similar material, spot 2 in deepest point of creek
Photo ~~ppr~~ facing west.

1053(55) - F103 - 2 pt. composite, ≃ 800 ft. south of confluence and west of sewer man-way



PT 1 - deepest pt. of channel - 0-10", grey silt-clay stiff
PT-2 → west side of wetland, shallower water.
grey clay/silt loose 0-6"

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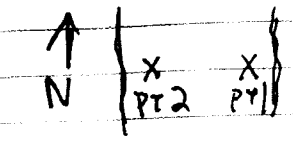
1059 - photo of F103 pt 2, facing west

1125 - arrive at F104 location, 500 paces from F103, (≃1300')
photo of pt 1 facing west,



PT 1 - deeper water (channel) silty clay - 0-1' w/ organic material, brown-black,
PT 2 - shallow water, brown silty, clay w/ organic, ~~mat~~ location ≃ 600' north of e-west power lines.

1145 - Photo facing South of nearby Power lines, e-w are wood. F104.

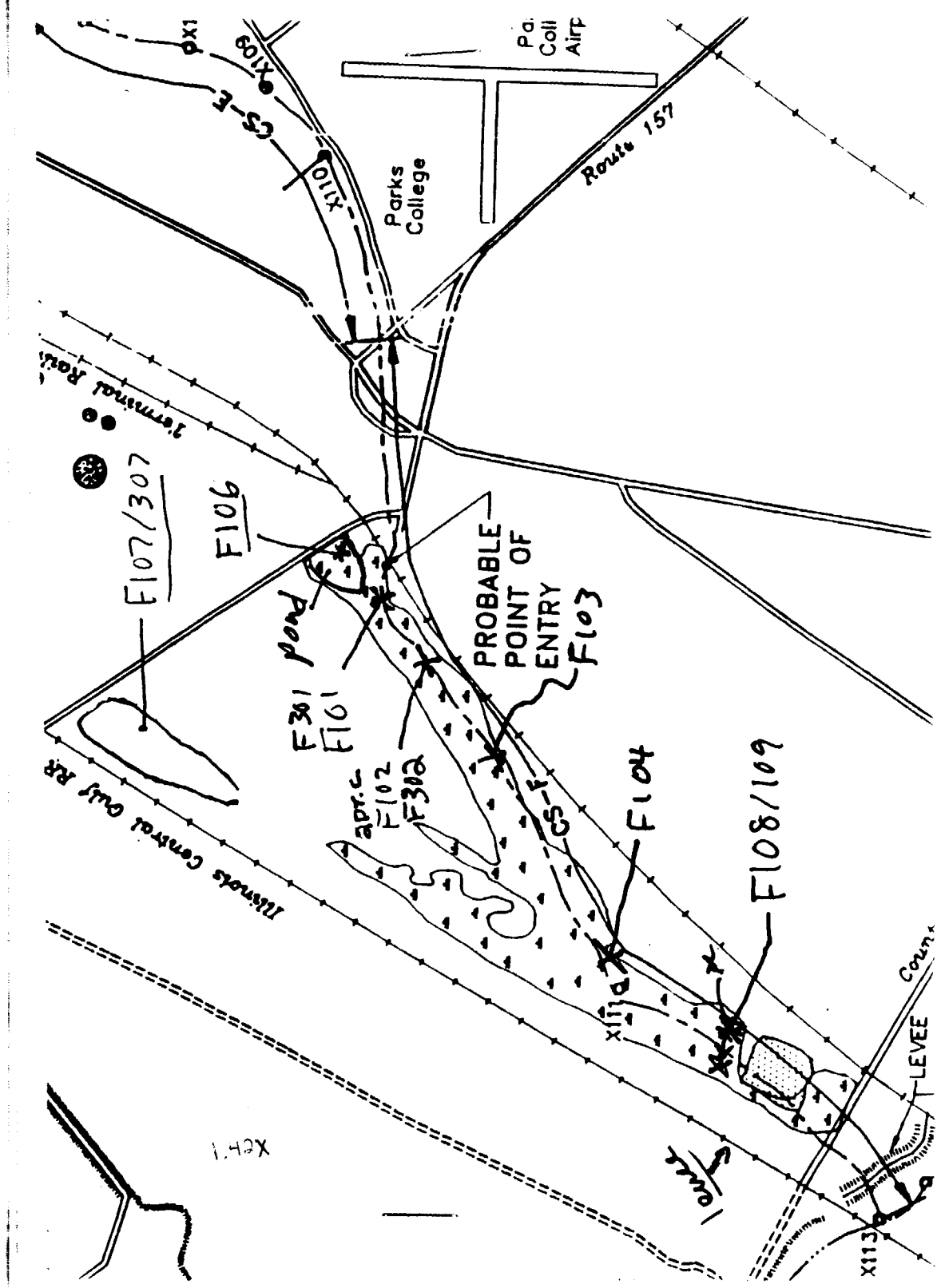
1150 - photo facing east of sewer cap near F103

1200 - Backnote F105/F305, 3 pt. Composit at 80, 100, 130' south of culvert into wetland
All in center of channel ≃ 0-10", Gravely sandy silt w/ a little clay - Dark grey. collected ≃ 1140.

1210 - F106 - in "Turtle pond", wetland area west of Dead Creek and north of confluence. ≃ 50' south of cargill road, and 15' feet into water. ~~SAM~~
PT 1 located as above ~~6-10"~~ 3-10" Grey silty clay w/ sand.
PT 2 - 70' south of cargill rd. 8" into water, (3' deep H_2O)

1215 - Photo of pt 2 facing North, Cargill rd. in background.
PT2 - Tight clay, grey 6-10" deep.

1250 - F107 F307 - Background, in wetland west of A.O. Concern -
PT1 - ≃ 100' south of cargil road, ≃ 150' east of main levee
photo facing west. - 0-6" lt brown sand w/ silt + clay.
PT2 - ≃ 25' south of pt 1. 0-10" same material.



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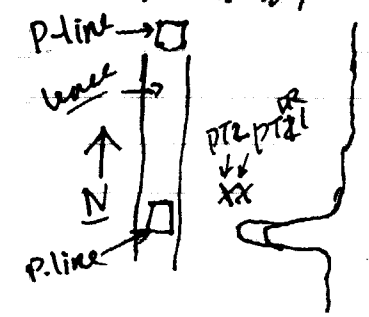
1340- F108/109 (Duplicate) 1500' north of cty Rd beneath power lines, set up on small peninsula into ~~channel~~ wetland,



PT1 - 30' west of penin. 20' north, ~~0-10" dry 2-10" deep~~ 0-10" = deep silty sediment photo of pt. 1 facing west levee in background.

PT2 - 40' west of penin. 20' north, 0-10" deep, silt/sand/clay both lt. brown.

1420- Samples

	Analy	
F101.	PCB, M, PAH, DIO	301 - Dioxin
F102.	PCB, M, PAH, DIO, Pest, TOC	302 - Dioxin
F103	PCB, M, ~~PAH~~, TOC, Pest	
F104	PCB, M, Pest, TOC	
105	PCB, M, PAH, DIO	305 - Dioxin
106	PCB, M, PAH,	
107 BKG	PCB, M, DIO, PAH, Pest	307 - Dioxin
108	PCB, M,	
109 DUPE	PCB, M,	

- Discussed with RPM (Analysis)

1430 - DEPART

2130 Robin and Sivers at warehouse in Chicago

Work for this site was conducted in conjunction with Sauget Area 2 (TDD: S05-9703-012). On 4/16 Robin and Sivers drove down to the Area. On 4/17 an ecological assessment was conducted on Sauget Area 2.

4/18/97

Sawyet Area 1 S05-9703-012

4/21 1500 Samples sent on ice to EIS, South Bend

via Fed Ex. Official Seals: 144186, 144187

Turnaround: 2-week verbal, 3-week Hardcopy

Dioxin 3 week verbal, 4 week Hardcopy

Damon M

4/21/97