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TECHNICAL ASSISTANCE TEAM FOR EMERGENCY RESPONSE REMOVAL AND PREVENTION
EPA CONTRACT 68-01-7367

Mr. Steven Faryan
Deputy Project Officer
Emergency Response Section
Western Response Unit
U.S. Environmental Protection Agency
11th Floor
230 South Dearborn Street
Chicago, Illinois 60604

September 30, 1988

TAT-05-G2-00655

EPA Region 5 Records Ctr.
237150

Re: Holtzman-Silverman, Ypsilanti Township, Michiga
TDD #5-8806-24

Dear Mr. Faryan:

On June 24, 1988, the U.S. Environmental Protection Agency (U.S. EPA) tasked the Technical Assistance Team (TAT) to conduct sampling at the Holtzman Silverman (H-S) site in Ypsilanti Township, Washtenaw County, Michigan (Figure 1). The sampling effort was requested to verify the presence of polychlorinated biphenyls (PCBs) and to define the extent of contamination (EOC). This letter report serves to summarize actions conducted under this TDD.

The site is located in a suburban area south of Ford Lake and just west of the Ford Rawsonville Plant (Figure 2). The site is bordered on the west by Bunton Road and on the south by privately owned farmland.

Although originally used as a sand and gravel extraction facility, the site has had a history of dumping activities dating back to around 1950. Various materials such as fly ash, cinder, wood, concrete, and drums were periodically dumped at the site. The site has been the target of investigations at the county, state, and federal levels.

In response to a U.S. EPA Field Investigation Team (FIT) report identifying the site as an imminent health threats due to elevated levels of PCBs in surficial and subsurface soils, the U.S. EPA tasked the TAT to conduct a site assessment at the H-S site on November 17, 1987 (TDD #5-8711-09). In a follow-up removal action plan submitted to the U.S. EPA on May 27, 1988, the TAT presented estimated costs for removal of 21 drums containing unknown materials, and installation of 4,600 linear feet of fencing due to elevated levels of PCBs in surface soils.

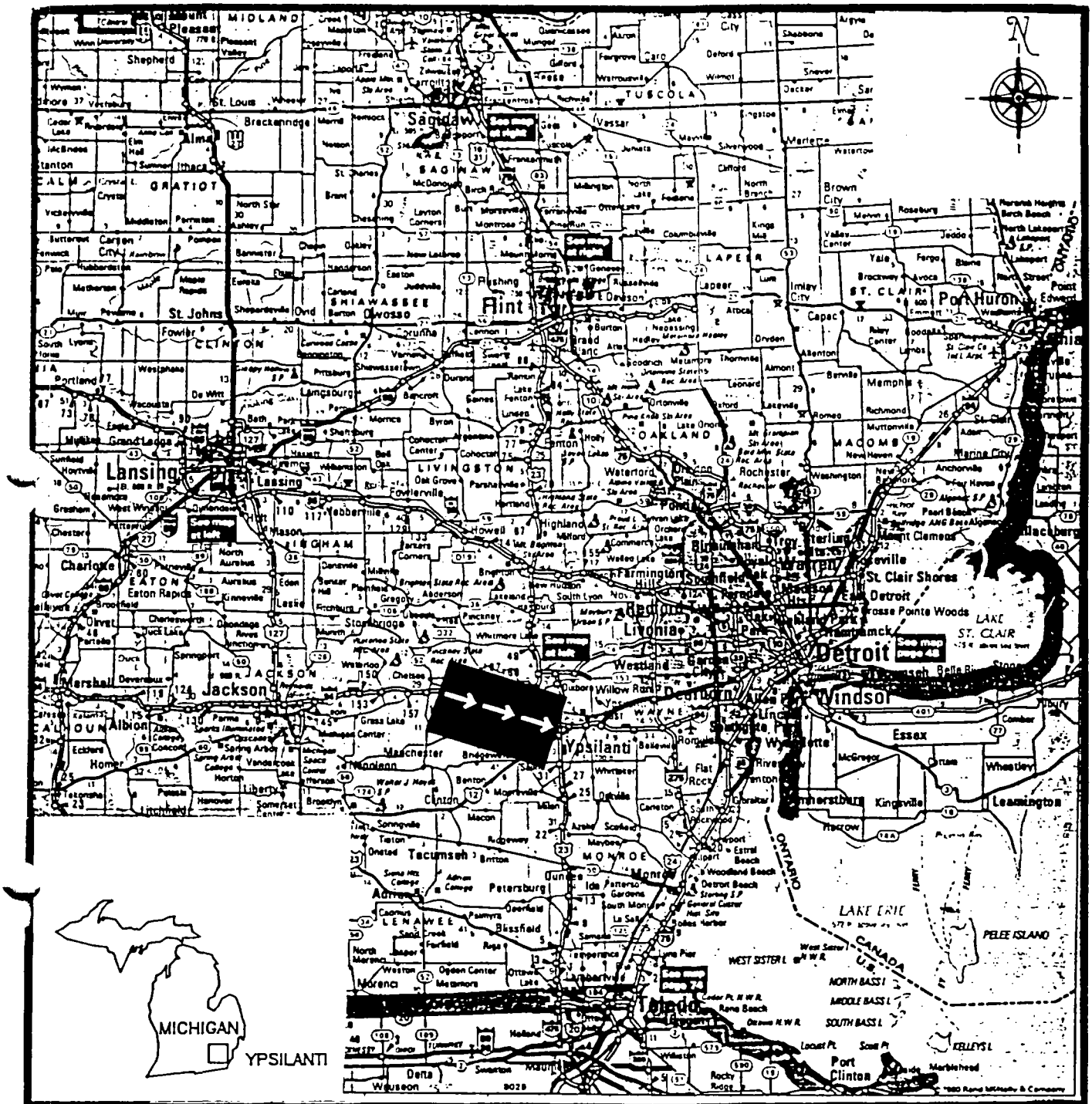

FIGURE 1

SITE LOCATION MAP

HOLTZMAN–SILVERMAN SITE

YPSILANTI, MICHIGAN

WESTON

MANAGERS DESIGNERS/CONSULTANTS

DRAWN BY	DATE	PCS #
T.L.	9–26–88	1557
APPROVED BY	DATE	TDD # 5–8806–24

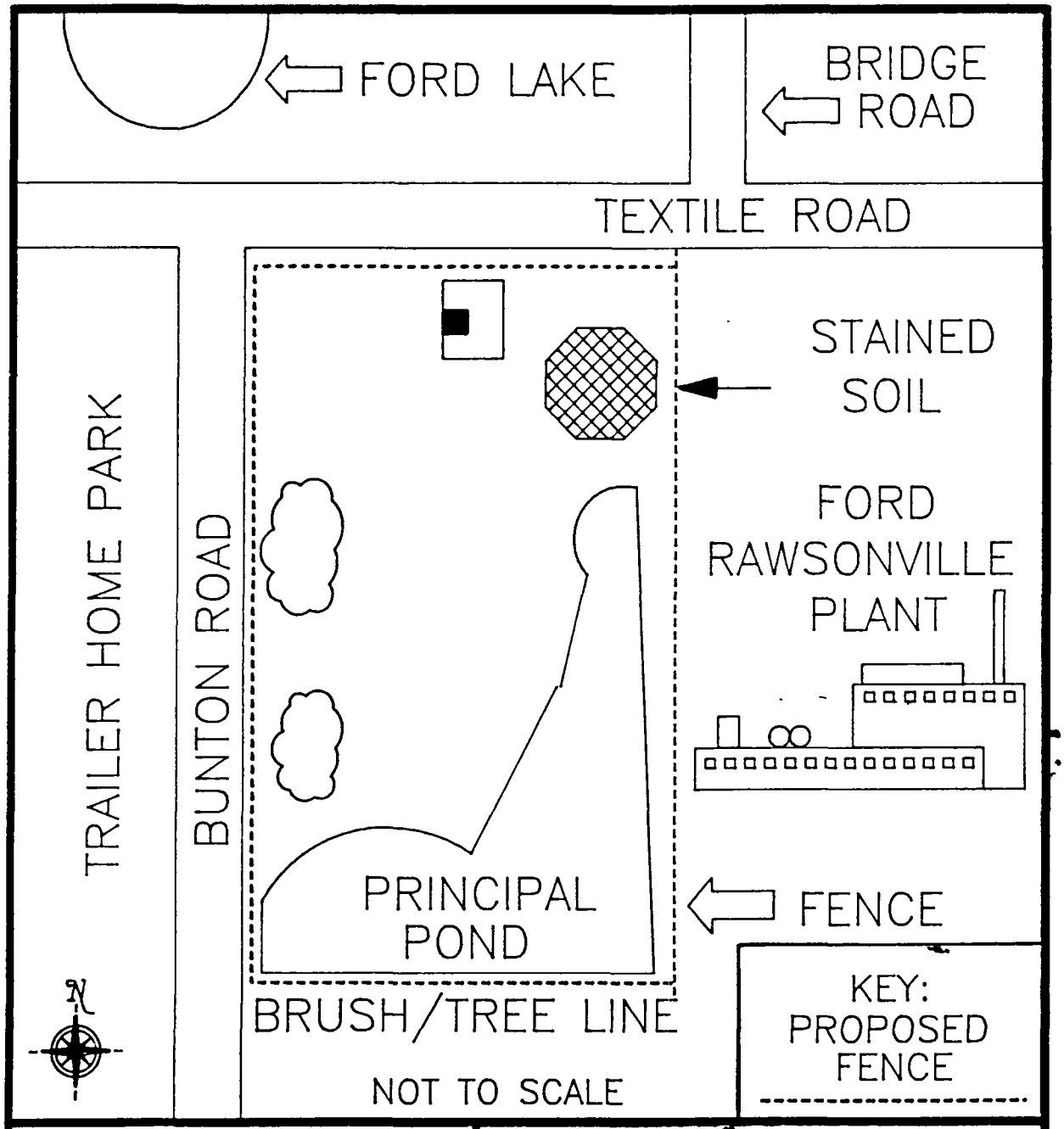

FIGURE 2

SITE MAP

HOLTZMAN SILVERMAN

YPSILANTI, MICHIGAN

WESTON

MANAGERS DESIGNERS/CONSULTANTS

DRAWN T.L.	DATE 9-25-88	PCS # 1376
APPROVED	DATE	TDD # 5-8806-24

On June 29, 1988, TAT members Ann Patchak and Tim Launius conducted sampling at the H-S site. A total of eight samples were collected which included: five soil samples from the stained soil area, one sediment sample from the north end of the pond, and a duplicate sample of drummed material. Samples were analyzed by Environmetrics under Analytical Services TDD # 5-8806-L4. Sample locations are shown in Figure 3 and the results are summarized in Table 1.

PCBs were confirmed in the soil stained area at concentrations as high as 116 parts per million (ppm) (Table 1). The duplicate drum sample contained PCB concentrations of 14 and 11 ppm, respectively. PCBs were not detected in the pond sediment sample.

During a subsequent discussion between the TAT and OSC Neithercut, it was agreed that in order to provide estimated costs for removal of the PCB contaminated stained soil area, more information would be needed as to the depth of the contamination. OSC Neithercut requested that the TAT develop an EOC sampling plan to address the lateral and vertical PCB contamination of the soil stained area.

On July 12, 1988 TAT members Ann Patchak and Kathy Nobles met OSC Neithercut at the H-S site to grid out sixteen surface sample locations at the stained soil area using a triangulation grid method. Each location was marked with a stake so that samples could be collected at a later date. The proposed sampling plan required samples to be taken at two foot depth increments, at each sample location, and analyzed accordingly until a depth was reached that determined an acceptable level of contamination.

OSC Neithercut stated that a delivery order would be signed to mobilize an Emergency Response Cleanup Service (ERCS) crew to the H-S site to sample at a later date. As of this date, there has not been a delivery order signed and the EOC sampling plan has not been implemented at the H-S site.

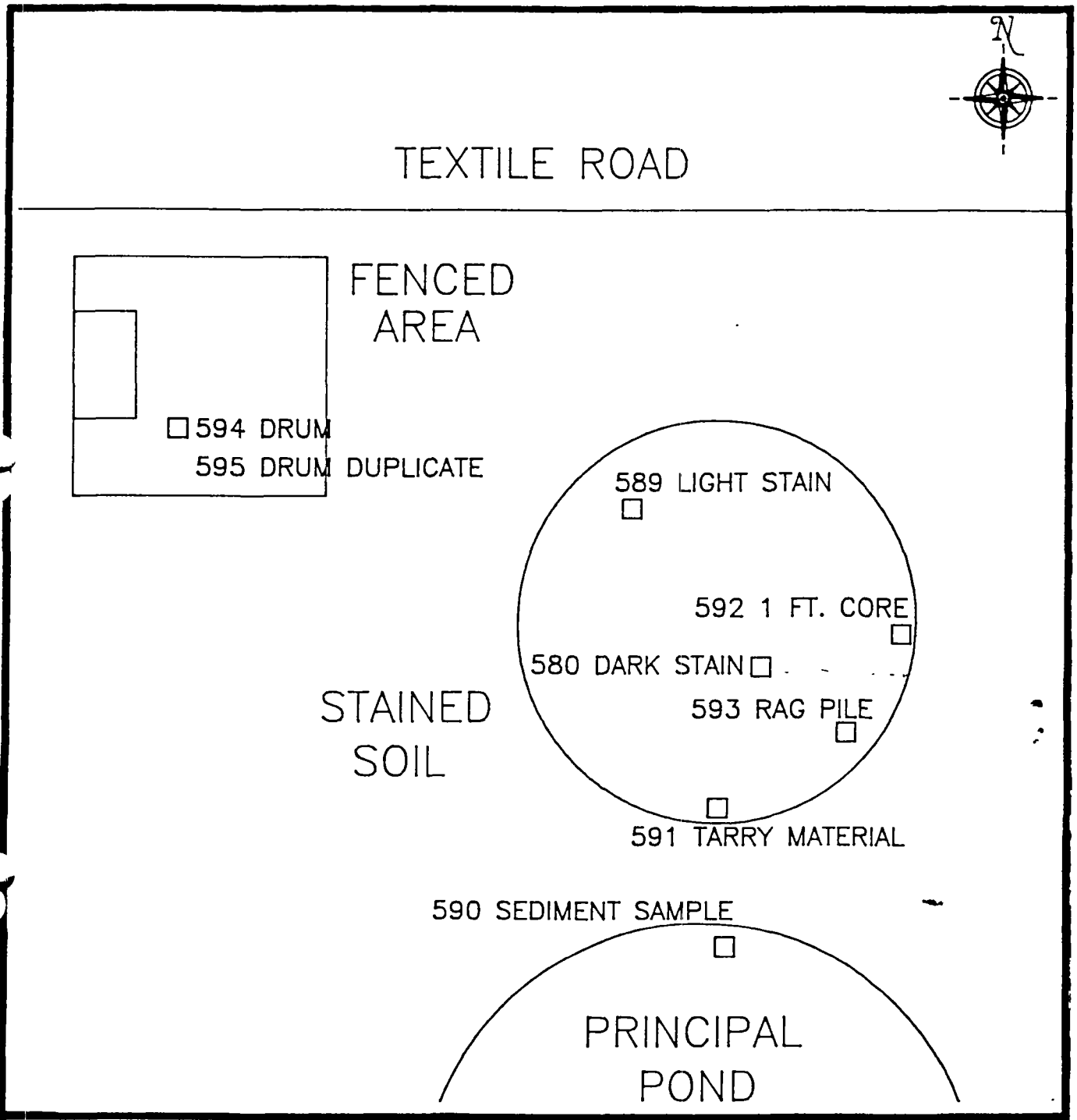

FIGURE 3

SAMPLE LOCATION MAP

HOLTZMAN SILVERMAN SITE

YPSILANTI, MICHIGAN

WESTON MANAGERS DESIGNERS/CONSULTANTS

DRAWN BY	DATE	PCS #
T.L.	9-26-88	1557
APPROVED BY	DATE	TDD #
		5-8806-24

TABLE 1

ANALYTICAL RESULTS OF TAT SAMPLES
HOLTZMAN-SILVERMAN SITE, YPSILANTI TOWNSHIP,MICHIGAN
June 29, 1988
(results in ppm)

SAMPLE NO.	LOCATION	TOTAL ppm	TYPE
580	STAINED SOIL AREA	116	1254
589	WNW OF STAIN SOIL AREA	29	1254
590	SEDIMENT IN NORTH END OF POND	ND	----
591	TARY SAMPLE	39	1254
592	EAST END OF SITE	100	1254
593	PILE	90	1254
594	DRUM #12	14	1254
595	DRUM #12 (Duplicate)	11	1254

* - Analysis performed by Environmetrics, St. Louis, Missouri.
ND - Not Detected at Method Detection Limits

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Should you have any questions, or require additional information, please feel free to contact us.

Very truly yours,

ROY F. WESTON, INC.

for Daniel Capone
Environmental Scientist

for Phillip Wicklein
Technical Assistance Team
Leader, Region V

DC/jj

Attachments