PCB AMBIENT AIR LEVELS

24 HOUR SAMPLES

MIAMI, FLA.

JACKSONVILLE, FLA.

FORT COLLINS, COL.

AVERAGE FOR EACH = 100 nanogms/cm

MDNS 078701

PCB AMBIENT WATER LEVELS

1971-1974

— 4472 WATER SAMPLES

130: RANGE — .1 → 4.0 ppb

DETECTION LIMIT — .1 → 1. ppb

— *1544 SEDIMENT SAMPLES*

1157: RANGE — .1 → 13,000 ppb

DETECTION LIMIT — .1 → 1. ppb

1973 — 106 INTERSTATE WATER CARRIERS

WINNEBAGO, ILL. — 3 ppb
SELLERBURG, IND. — .1 ppb

1975 — INDUSTRY REPORT

ESCONDIDO, CAL. — .4 ppb
BRIDGEPORT, CONN. — 1. ppb
NEW BEDFORD, MASS. — 2.5 ppb

1976 — 113 WATER SUPPLY SAMPLES

1 PRELIMINARY — 1 ppb

MONS 078702

PCB SOIL LEVELS

AGRICULTURAL

1972

- 1,556 SAMPLES
- 2 DETECTED

URBAN

1971-1974

- 12 OF 19 METROPOLITAN AREAS
  - 1,434 SAMPLES
  - RANGE — .001 → 3.33 ppm
  - AVERAGE — .02 ppm

MDNS 078203

PCB SEWAGE TREATMENT PLANTS

1973 — MICHIGAN — 58 PLANTS

SLUDGE

- **AVG. 15.6 ppm**
- **HIGH 352 ppm**

EFFLUENTS

- **AVG. 0.52 ppb**
- **HIGH 32 ppb**

1972-73 ONTARIO, CANADA

GUELPH

- **SLUDGE — 5.5 ppm**
- **SOIL — 15-47 ppb (1 APPLICATION)**
- **CORN — 5-95 ppb**

1976

BLOOMINGTON, INDIANA — 200 ppm
NEW BEDFORD, MASS. — 40 ppm
WASHINGTON, D.C. — 4 ppm

MONS 078704

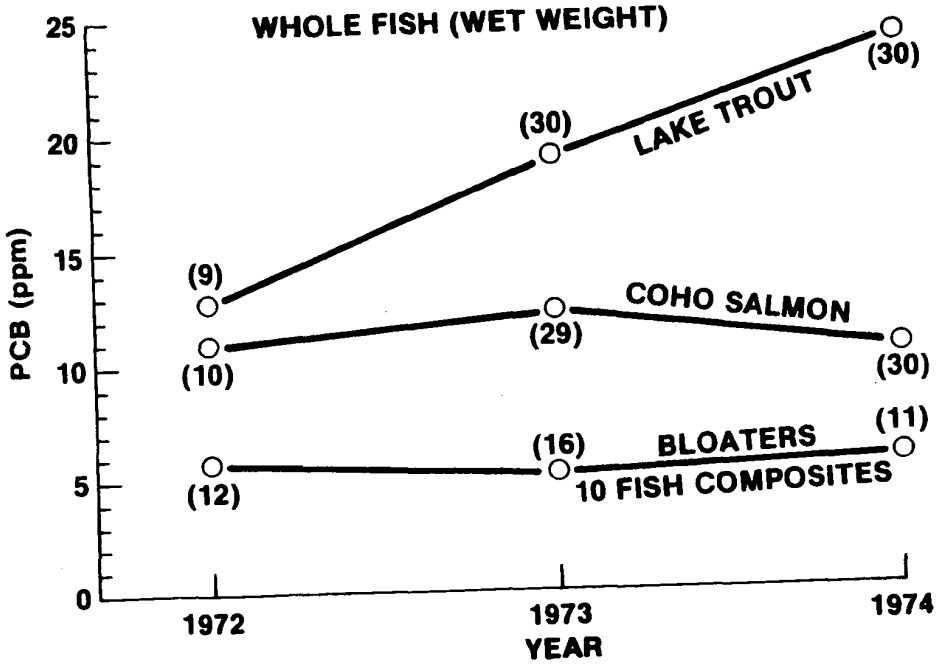
PCB—MUNICIPAL LANDFILLS
(1976)

STATE	TYPE	PPT
WASHINGTON	GENERAL	15 — LEACHATE
NEBRASKA	GENERAL	41 — LEACHATE WELLS
	GENERAL	8 — SURFACE (CREEK)
	GENERAL	11 — GROUND WATER
	SLUDGE & MANURE	115 — LEACHATE
NEW YORK	GENERAL & SLUDGE	640 — LEACHATE
	GENERAL & SLUDGE	7 — GROUNDWATER
ARKANSAS	SLUDGE	15 — LEACHATE
	SLUDGE	17 — SURFACE
	SLUDGE	8 — GROUNDWATER

MONS 078705

PCB—FISH LEVELS

LAKE MICHIGAN



MONS 078706

PCB—BIRDS

STARLING MONITORING PROGRAM

NATIONWIDE 1970 — 0.65 ppm
1972 — 0.43 ppm
1974 — 0.12 ppm

MALLARD AND BLACK DUCK MONITORING PROGRAM

ATLANTIC FLYWAY
- **BLACK DUCK — 1969 & 1972 — 1.36 ppm**
- **MALLARD — 1969 & 1972 — 1.29 ppm**

MISSISSIPPI FLYWAY
- **MALLARD — 1969 — 0.44 ppm**
- **MALLARD — 1972 — 0.66 ppm**

CENTRAL & PACIFIC FLYWAYS
- **MALLARD — 1969 — 0.2 ppm**
- **MALLARD — 1972 — 0.1 ppm**

MGNS 078207

LEVELS IN MAN

RECENT ANALYSIS — 1971-74 ADIPOSE LEVELS

— 6500 SAMPLES — 77% WITH PCB

— — 26% — <1 PPM
— — 44% — 1-2 PPM
— — 7% — >2 PPM

OTHER FINDINGS:

— — SEX DIFFERENCE — NONE
— — AGE DIFFERENCE — INCREASE W AGE
— — RACE DIFFERENCE — NONWHITES HIGHER

MONS 078108