

McCutcheon - SED, Milw.
Cedar Creek

CORRESPONDENCE / MEMORANDUM

STATE OF WISCONSIN

1984

DATE: December 6, 1984
TO: Jim Addis, Gloria McCutcheon
Carl Blabaum
FROM: Bruce Baker *B. Baker*
SUBJECT: PCB Monitoring Data from Cedar Creek

FILE REF: 3200

9:15

The 1984 fish contaminant collection schedule included a comprehensive effort for PCB monitoring of the Milwaukee River and tributaries. While all the analyses have not been completed by the State Lab of Hygiene we have unexpectedly received extremely high PCB results from two samples of carp collected in Cedar Creek below the city of Cedarburg. The samples were from the Cedar Creek impoundment that receives the POTW discharge. (See attached map and table.) It should be noted that sample #220C and its duplicate revealed the same PCB concentrations at 39 parts per million.

The carp samples reveal PCB concentrations exceeding those seen in the Sheboygan River which, to this date, remained the worst "hot spot" in the state. Whether the carp indicates an existing PCB discharge or residual concentrations in the sediment is not clear at this time. However, Cedar Creek sediment samples collected in 1980-81 as part of the coastal zone study did not seem to contain concentrations that could accumulate to 82 ppm in fish although 2 samples is a very small sample size.

I do not feel that there is a need for any emergency health advisories on Cedar Creek due to our commitment to update the entire statewide advisory next spring. However, I would suggest that the Bureau of Wastewater Management and the District office review records to determine known or historic PCB sources. Fish management and water resources staff will need to meet and discuss next years monitoring plan for this area once the remainder of the Milwaukee River data has been received and interpreted.

LL/6062S

cc: Sheboygan Area Office
Technical Services
Paul Didier - SW/3
L. Wible - ADM/5

Cedar Creek PCB Fish Monitoring Data

* = Concentrations in Parts Per Million

Sample #	Species	Location	Length	Weight	Collection Date	% Fat	PCB*
--	Carp	Hwy. 60 Above City	7.5"	--	11/14/77	1.6	.2
--	W. Sucker	Hwy. 60 Above City	14.0"	--	11/14/77	0.6	.2
220C	Carp	Hamilton Impoundment	29.0"	12.5#	7/30/84	8.5	39.0
220C	Duplicate	Hamilton Impoundment	29.0"	12.5#	7/30/84	9.0	39.0
220D	Carp	Hamilton Impoundment	24.0"	7.0#	7/30/84	7.3	82.0
220A	N. Pike	Hamilton Impoundment	15.8"	1.6#	7/30/84	0.2	1.4
220B	Rock Bass	Hamilton Impoundment	8.0"	.4#	7/30/84	.2	1.9
Coastal Zone	Sediment	Hamilton Impoundment	--	--	1980	--	0.73
Coastal Zone	Sediment	Hamilton Impoundment	--	--	1981	--	3.7

6062S

JACKSON 8.4 MI.
FIVE CORNERS 0.2 MI.

11 MI. TO U.S. 45
FIVE CORNERS 0.6 MI.

3370 I SE
(FIVE CORNERS)

KIRCHHAYN 4.7 MI.

17/30/1984
SAMPLES
COLLECTED
HERE

