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INCORPORATED
WILMINGTON, DELAWARE 19893
EMPLOYEE RELATIONS DEPARTMENT

HASKELL LABORATORY
FOR
TOXICOLOGY AND INDUSTRIAL MEDICINE

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J. CURRY
UTIL. DEPARTMENT
ROOM 134 ADMINISTRATION BUILDING
CHAMBERS WORKS

ANALYSIS OF FISH SAMPLES

Attached is a table listing the results of trace metals analysis of the December, January and February fish samples. Also included in the table are figures for the recovery of metals from spiked samples. Each indicates the average recovery from samples at two different levels. These figures are representative of recoveries that have been obtained during the course of these analyses.

The field note sheets have also been included.

Adele M. Pochomis

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Chemist

AMP:dhg
Attachments

RSW

DWS

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Month	Sample	Species	Location	Ug Metal/g Fish				
				Cu	Cr	Hg	Pb	Zn
Dec.	B	Brown Bullhead (Catfish)	Raccoon Creek	0.60	0.40	0.49	< 0.04	6.60
	B-X*	Brown Bullhead	Raccoon Creek	0.57	0.57	0.40	< 0.04	6.86
	E-1	Gizzard Shad (Herring)	Church's Landing	0.80	0.60	0.05	< 0.04	5.38
	E-2	White Crappie (Sunfish)	Church's Landing	0.60	0.60	0.24	0.28	7.94
	G-1	White Perch (Bass)	Hope Creek	0.99	0.80	0.67	0.16	8.75
	G-1-X*	White Perch	Hope Creek	1.00	0.60	0.86	0.12	9.16
	G-2	Striped Bass	Hope Creek	1.00	1.00	1.90	0.20	16.50
	H-1	White Perch	Hope Creek	1.00	0.79	0.85	0.16	9.18
	H-2	Alewife (Herring)	Hope Creek	2.22	2.22	--	0.33	33.33
	H-3**	Hogchoker (Sole)	Hope Creek	0.79	1.19	0.56	0.44	9.31
Jan.	A	Goldfish	Raccoon Creek	0.75	0.75	0.08	0.11	28.87
	B-1	White Perch	Hope Creek	0.96	0.58	0.82	0.27	8.46
Feb.	C	White Perch	Hope Creek	0.76	0.38	1.13	1.03	7.84
Average Recovery from Spiked Samples:				98%	101%	113%	112%	98%

* X - Indicates a sample taken from a second fish of the same species and from the same location as the sample preceding it.

** Hogchoker - Samples from two December fish and one January fish from the same location were combined.

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