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EMPLOYEE RELATIONS DEPARTMENT

HASKELL LABORATORY
FOR
TOXICOLOGY AND INDUSTRIAL MEDICINE

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JOHN CURRY
UTIL. DEPARTMENT
ROOM 134
ADMINISTRATION BUILDING
CHAMBERS WORKS

ANALYSIS OF JULY, AUGUST AND SEPTEMBER FISH SAMPLES

The attached table lists the results of the analysis for metals of fish samples collected in July, August and September. The species analyzed from each location were chosen to resemble as closely as possible those caught previously from that location. The fish from these collections were analyzed at Haskell Laboratory for all metals of interest, including mercury.

The procedure used for the mercury determination was different from that used by Bruce Julin for the June samples. When a comparison was made of the two methods, the one used at Haskell Laboratory gave, on the average, somewhat higher results for mercury in the fish. It has been suggested that aromatic compounds, which may be present to some extent in fish obtained from the Delaware River, could be the cause of these higher values. The aromatics have been found to interfere in the particular method we use for mercury analysis.

Also enclosed are copies of the field note sheets and a list of the common names corresponding to the fish samples from the June collection.

RSJ

Adele M. Pochomis

Adele M. Pochomis
Chemist

AMP:dhg
Enclosures

JAZ

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