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March 15, 1970

The Honorable H. B. Charmbury, Secretary
Department of Mines and Mineral Industries
Towne House Apartments
Harrisburg, Pennsylvania 17102

Dear Dr. Charmbury:

Subject: Pollution Survey of Chartiers Creek Drainage Basin
Contract No. SL-102
ACAA Project 68077

The tributaries and lands of the Chartiers Creek Drainage Basin have been mutilated by man in an effort to extract the mineral wealth of the Basin. This report deals with the acid mine drainage problems of the Basin. It is the result of an 18-month survey which began in April, 1968.


This survey shows that it is possible to substantially upgrade the stream quality and improve the natural drainage of the Basin through the remedial measures recommended. It has been the aim of this survey to provide permanent abatement where possible rather than resort to treatment. Total abatement of the acid mine drainage will probably require the construction of some treatment plants at a later date.

The abatement of the acid mine drainage in the Basin should result in both economic and environmental benefits to Allegheny and Washington Counties and is one of the many steps necessary for the Commonwealth to restore its drastically disturbed lands and reclaim its streams.

Thank you for the opportunity to work on this most challenging project.

Very truly yours,

A. C. ACKENHEIL & ASSOCIATES, INC.


Alfred C. Ackenheil, President

MTD:paj

Enclosures

CATALOGED IN
PA DEP AND DCNR
Central Library
Harrisburg, PA 17105

"... WE NOW STAND
ON THE DOORSTEP
OF EITHER
EFFECTIVE CONTROL OR ULTIMATE ELIMINATION
OF ACID MINE DRAINAGE
AS A MAJOR SOURCE OF POLLUTION
TO MORE THAN 3,000 MILES OF STATE STREAMS."

The Honorable
Raymond P. Shafer
Governor of
Pennsylvania

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