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C.H. McConnell, Deputy Secretary
Office of Resources Management
Department of Environmental Resources
Post Office Box 1467
Harrisburg, Pennsylvania 17120

March 15, 1977

Re: Project No. SL 181-4
AMD Abatement Study
Mill Creek Watershed

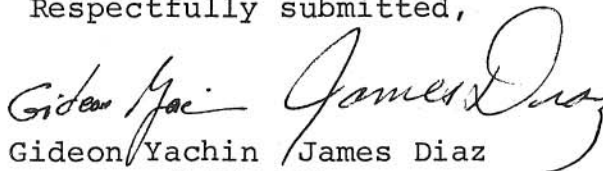
Dear Mister Secretary:

Submitted herewith is the report of findings and recommendations related to the referenced subject. Information obtained during this study period supplements the findings that were submitted for Project No. SL 181-3, Nanticoke, Warrior and Solomon Creek Watersheds, AMD Abatement Study, 1975.

We believe that the investigation, analyses and findings presented in this report will facilitate the formulation of a plan by the Department to abate Acid Mine Drainage Pollution in the Wyoming Valley.

We appreciate this opportunity to be of service to the Department and the Commonwealth.

Respectfully submitted,


Gideon Yachin James Diaz
Partners

Attachment: SL 181-4 Report

GY:JD:tem

COMMONWEALTH OF PENNSYLVANIA

Milton J. Shapp, Governor

DEPARTMENT OF ENVIRONMENTAL RESOURCES

Maurice K. Goddard, Secretary

OFFICE OF RESOURCES MANAGEMENT

C. H. McConnell, Deputy Secretary

OPERATION SCARLIFT PROJECT NO. SL 181-4

MINE DRAINAGE POLLUTION ABATEMENT STUDY

**MILL CREEK WATERSHED
PLAINS, JENKINS & WILKES-BARRE TWPS.,
LUZERNE CO., PA.**

**Prepared by
GEO-TECHNICAL SERVICES
CONSULTING ENGINEERS & GEOLOGISTS
HARRISBURG, PENNSYLVANIA**

1976

DEPARTMENT OF ENVIRONMENTAL RESOURCES REVIEW NOTICE

This Report, prepared by outside Consultants, has been reviewed by the Department of Environmental Resources and approved for publication. The contents indicate the conditions that are existing as determined by the Consultant, and the Consultant's recommendations for correction of the problems. The foregoing does not signify that the contents necessarily reflect the policies, views, or approval of the Department.

ACKNOWLEDGEMENTS

The cooperation and assistance of the Division of Mine Area Restoration, Department of Environmental Resources, is gratefully acknowledged. Appreciation is also expressed to the Department's Anthracite Region Office in Wilkes-Barre and the Water Quality Management Regional Office in Kingston which both furnished pertinent past and present data related to mine pools, AMD discharges and quality records of the Susquehanna River.

The United States Geological Survey is acknowledged for providing valuable hydrologic data during the study period related to the Susquehanna River, the Lackawanna River and specified tributary streams in the Wyoming Valley.

Information related to subsidence, mine pool fluctuations and AMD discharges was obtained through the good offices of Doctor J. Demchalk of the Land Reclamation and Research Branch, Department of Environmental Resources and this material contribution is sincerely appreciated.

Mister J.R. Hollowell of the Susquehanna River Basin Commission deserves special thanks for furnishing valuable unpublished information regarding mine pools and for his personal assistance in locating mine pool monitoring stations and other features in relation to deep mining in the study area.

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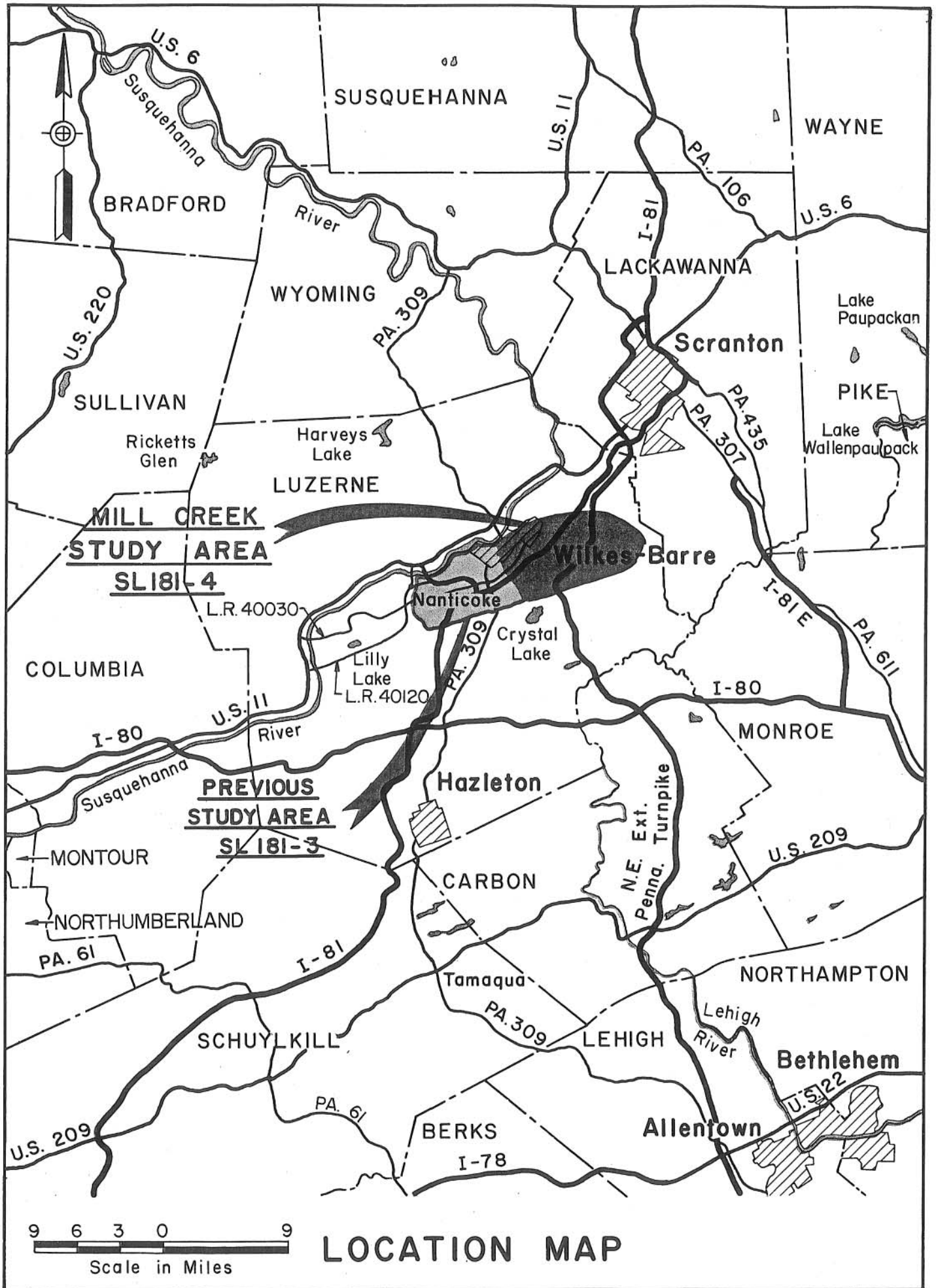
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LOCATION MAP