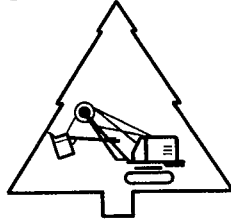


**ALDER RUN
MINE DRAINAGE POLLUTION
ABATEMENT PROJECT
OPERATION SCARLIFT**



**COMMONWEALTH OF PENNSYLVANIA
RAYMOND P. SHAFER, GOVERNOR
DEPARTMENT OF MINES AND MINERAL INDUSTRIES
H. B. CHARMBURY, SECRETARY**

RECOMMENDATIONS

RECOMMENDATIONS

The study has established that:

Alder Run is grossly polluted negating almost all of its usefulness as a water resource .

Alder Run adversely affects the West Branch Susquehanna River in a reach which is presently showing signs of quality improvement . This reach of river is needed to provide water for fishing and other recreation for the area .

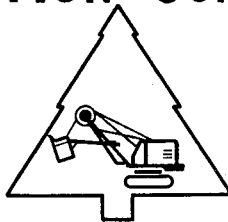
For a cost of \$1,612,000, 90% of the pollution load can be abated from the watershed.

It is therefore recommended that:

- (1) All of the priority projects listed in the abatement plan be implemented.
- (2) The probability that polluting portions of the watershed will be reaffected by surface mining should be investigated. This will insure that effective reclamation efforts can be coordinated between the prospective miner and the Department of Mines and Mineral Industries.

- (3) A water quality improvement evaluation program should be developed to monitor both the chemical quality and the aquatic life in Alder Run, as pollution abatement measures are implemented.
- (4) A water quality improvement evaluation program should also be developed to monitor chemical quality and aquatic life in the 30 mile stretch of the West Branch Susquehanna River from Clearfield Creek to Moshannon Creek.
- (5) The effect of the Grassflat Mines on Moshannon Creek and the West Branch Susquehanna River should be evaluated and pollution abatement measures developed.

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