

It should be recognized that mine sealing by the use of bulkheads is not effective in preventing acid mine-drainage unless the coal seam and other acid-producing strata and materials are submerged. This presents a serious problem in mines, the workings of which lie above the natural drainage elevation.

Where practicable, such bulkheads should be designed to be water-tight seals and so constructed as to withstand the water and earth pressure which may be imposed upon them.

Upon the permanent abandonment of strip pits, or the completion of auger mining, all acid-producing refuse should be removed, buried, or submerged, the face of the coal seam in the bottom of the pit

should be covered or submerged and proper provisions for handling water should be established.

CONTROL MEASURE V

"Under appropriate circumstances, consideration shall be given to the treatment of acid mine-drainage by chemical or other means in order to mitigate its polluttional properties."

Under certain conditions, circumstances may develop which are appropriate for the application of chemical or other treatment of acid mine-drainage, as a temporary measure.

As scientific and practical progress is made on the chemical or other treatment of acid mine water, such developments should be considered for application.