

Beneficial Use of FBC Coal Ash for Mine Reclamation in the Anthracite Region at the Wheelabrator Frackville Energy Co. and Mount Carmel CoGen Sites

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ABSTRACT

The Wheelabrator (Frackville and Mount Carmel Co-Gen) sites are located in the anthracite region of Pennsylvania. They utilize anthracite culm, silt, and refuse as fuel and reclaim abandoned and active mine lands with the coal ash they produce. Since the plants have been operating, they have reclaimed over 300 acres of abandoned mine lands, and have also eliminated a large number of safety hazards via that reclamation work. Site monitoring has also revealed no degradation associated with the coal ash placement. Some groundwater and surface improvements will be evident once the projects and all site related reclamation is completed.

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