

Overcoming Barriers to CCP Use

Jennifer L. Hitch¹

¹Headwaters, Inc., 2834 Somerset Springs Drive, Henderson, NV 89052

KEYWORDS: coal combustion products (CCP's), sustainable development, fly ash, recycled products

ABSTRACT

The use of coal combustion products (CCP's) in the United States has steadily increased for a number of years however only a portion of the material produced is beneficially used. This paper examines the various barriers to CCP use in the construction industry and explores pathways to break down or through these barriers. The barriers that exist can be grouped into three distinct categories; administrative, economic and technical. They may be real or perceived but the end result is the same, the use of CCP's are often limited or even excluded from some projects.

With the recent increased awareness of sustainable development practices among state and government entities as well as in the private sector it is becoming increasingly important that materials such as CCP's, that are recycled products, be utilized beneficially as opposed to being landfilled.

In addition to examining the barriers to their use, methods to combat these barriers are discussed. The CCP industry has been actively educating the construction industry for many years however there still remains work to be done. A discussion of the future role for the CCP industry is provided in the quest for complete utilization.

Submitted for consideration in the 2005 World of Coal Ash, April 11-15, 2005, Lexington, Kentucky, USA.