

FLOWABLE SLURRY : PART 1

By Tarun R. Naik, Mathew P. Tharaniyil, and Oluwole B. Adebayo

Report No. CBU-1994-23

ABSTRACT

This research project is the result of funding made available by the UWS Solid Waste Research Council (Ms. Eileen Norby, Solid Waste Management and Research Program Coordinator, Madison, WI); and other industrial co-sponsors. This report contains information collected and analyzed on flowable slurry, its constituent materials and uses, foundry by-products, and leachate characteristics of fly ash and foundry sand slurry.

This report includes Phase I of the project - Literature search and information gathering. It is divided into four main parts. The first part deal with introduction, foundry processes, materials, and waste generated. The second part is a review of flowable slurry, constituent materials, tests, and uses. The third part includes a review of methods of leaching, and works performed on leachate testing of foundry sand and fly ash. The final part consists of a list of references relevant to this project.