

Conditioning and Dewatering Behavior of ATAD Sludges

Saurabh Agarwal

Thesis submitted to the faculty of
Virginia Polytechnic Institute and State University
in partial fulfillment of the requirements for the degree of

MASTER OF SCIENCE

In

ENVIRONMENTAL ENGINEERING

Dr. John T. Novak, Chair

Dr. Gregory D Boardman

Dr. Clifford W. Randall

March 4, 2004

Blacksburg, Virginia

Keywords: thermophilic, aerobic digestion, dewatering, biopolymer, anionic polymer,
high iron, M/D ratio