

# **Effect of Addition of High Strength Food Wastes on Anaerobic Digestion of Sewage Sludge**

Ramola Vinay Vaidya

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

Master of Science

In

Environmental Engineering

Gregory D. Boardman

John T. Novak

Husen Zhang

April 29, 2015

Blacksburg, VA

Keywords: Anaerobic digestion, High-strength waste (HSW), Long chain fatty acids, Gas  
production, Biosolids Odors

Copyright© 2015, Ramola Vinay Vaidya

Dear Ramola Vaidya,

Permission is granted for you to reuse two tables from 'Fundamentals of Anaerobic Digestion of Wastewater Sludges' in your thesis. A full credit line must be added to the material being reprinted. For reuse in non-ASCE publications, add the words "With permission from ASCE" to your source citation. For Intranet posting, add the following additional notice: "This material may be downloaded for personal use only. Any other use requires prior permission of the American Society of Civil Engineers."

Regards,

Joann

Joann Fogleson

Manager, Product and Subscription Services

American Society of Civil Engineers

1801 Alexander Bell Drive

Reston, VA 20191

[PERMISSIONS@asce.org](mailto:PERMISSIONS@asce.org)

703-295-6112