



ENVIRONMENTAL ENGINEERING

PhD Theses

Current as of May 2007

YEAR	THESIS TITLE	AUTHOR	SUPERVISOR(S)
2004	Field-Based Evaluation of Processes and Models for Soil Vapour Intrusion into Buildings	Hers, I.	L. Li/J. Atwater
2004	A Conceptual Model for Apparent Free Ammonia Inhibition in Wastewater Systems	Simm, R. A.	D. Mavinic
2003	Development of a Unified Theory of Oxygen Transfer in Activated Sludge Processes - the Concept of Net Respiration Rate Flux	Mahendraker, V.	D. Mavinic
2003	Factors Influencing Dewaterability of Thermophilic Aerobically Digested Biosolids	Zhou, J.	D. Mavinic
2002	Comparative Analysis of Oxygen Transfer in Full Lift and Downflow Bubble Contact Hypolimnetic Aerators	Ashley, K. I.	D. Mavinic/K. Hall
2001	Denitrification in a Landfill Bioreactor with the Use of Methane as a Source of Carbon and/or Electron Donor for Denitrification	Aljarallah, R.	J. Atwater
2000	High Temperature Biological Treatment of Foul Evaporator Condensate for Reuse	Berube, P.	E. Hall
1998	Impacts of Tuberculated Iron and Surface Biofilm on Trihalomethane Formation in Chlorinated Drinking Water	Brereton, J.	D. Mavinic
1998	The Effect of pH on Microbial Activity and Community Structure in the Biological Removal of Resin Acids from Wastewater	Werker, A.	E. Hall
1998	Simultaneous Nitrification and Denitrification in Biological Nutrient Removal Processes	Zhao, H. W.	D. Mavinic/W. Oldham
1997	Use of Nitrate to Stimulate the Biodegradation of Polyaromatic Hydrocarbons in Marine Sediments	MacRae, J.	K. Hall
1997	Effect of Hydraulic Retention Time on Landfill Leachate and Gas Characteristics	Munasinghe, R.	J. Atwater
1996	Investigations into the Distribution of Non-Point Source Nitrate in Two Unconfined Aquifers and the Role of Carbon Addition in the Control of Nitrate Concentrations in Groundwater	Dasika, R.	J. Atwater