



Mass Flow and Energy Efficiency of Municipal Wastewater Treatment Plants (Paperback)

By Ye Shi Cao, Cao Ye Shi

Iwa Publishing, United Kingdom, 2011. Paperback. Book Condition: New. 244 x 188 mm. Language: English . Brand New Book ***** Print on Demand *****.Special Offer: Cao Ye Shi Author Set - Buy all three books together and save a total GBP76! Mass Flow and Energy Efficiency of Municipal Wastewater Treatment Plants presents the results of a series of studies that examined the mass flow and balance, and energy efficiency, of municipal wastewater treatment plants; it offers a vision of the future for municipal wastewater treatment plants. These studies were undertaken as part of the R D program of the Public Utilities Board (PUB), Singapore. The book covers the latest practical and academic developments and provides: a detailed picture of the mass flow and transfer of Chemical Oxygen Demand (COD), solids, nitrogen and phosphorus and energy efficiency in a large municipal wastewater treatment plants in Singapore. The results are compared with the Strass wastewater treatment plant, Austria, which reaches energy self-sufficiency, and the approaches for improvement are proposed. a description of the biological conversions and mass flow and energy recovery in an up-flow anaerobic sludge blanket reactor - activated sludge process (UASB-ASP) - and compares this to the conventional activated sludge...

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