PREFACE

An overview	3
Wastewater flowrates	5
Physical, chemical, and biological characteristics of wastewater	6
Physical unit operations	15
Chemical unit processes	17
Biological unit processes	18
Design of facilities for physical and chemical treatment of wastewater	21
Design of facilities for the biological treatment of wastewater	23
Advanced wastewater treatment	24
Design of facilities for the treatment and disposal of sludge	27
Natural treatment systems	32
Small wastewater treatment systems	34
Wastewater reclamation and reuse	36
References	37
	Wastewater flowrates Physical, chemical, and biological characteristics of wastewater Physical unit operations Chemical unit processes Biological unit processes Design of facilities for physical and chemical treatment of wastewater Design of facilities for the biological treatment of wastewater Advanced wastewater treatment Design of facilities for the treatment and disposal of sludge Natural treatment systems Small wastewater treatment systems Wastewater reclamation and reuse