

# Contents

19	Water Quality Objectives	19-1 to 32
20	Examination of Water and Wastewater	20-1 to 22
21	Unit Operations	21-1 to 14
22	Treatment Kinetics	22-1 to 18
23	Physical Properties of Water	23-1 to 22
24	Aeration and Gas Transfer	24-1 to 18
25	Sedimentation	25-1 to 29
26	Flocculation, Flotation, and Adsorption	26-1 to 26
27	Filtration	27-1 to 49
28	Water Chemistry	28-1 to 49
29	Chemical Precipitation, Stabilization, and Ion Exchange	29-1 to 34
30	Desalting, Coagulation, and the Mitigation of Corrosion	30-1 to 29
31	Disinfection	31-1 to 29
32	Aquatic Biology	32-1 to 36
33	Ecology and Management of Receiving Waters	33-1 to 47
34	Biological Treatment	34-1 to 32
35	Design of Biological Treatment Systems	35-1 to 37
36	Waste Solids from Water and Wastewater Treatment	36-1 to 46
37	Industrial Waters and Wastewaters	37-1 to 30
38	Treatment Works Design	38-1 to 14
	Appendix	1 to 10
	Bibliography	1 to 7
	Index	1 to 29