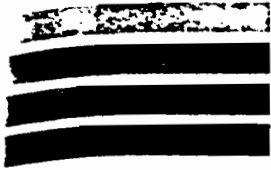


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UNIT OPERATIONS AND PROCESSES IN ENVIRONMENTAL ENGINEERING

Second Edition

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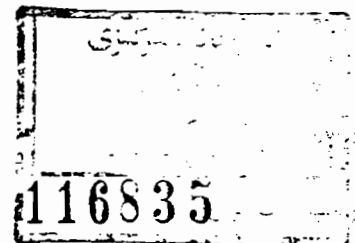
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7	Screening, Presedimentation, Aeration, Adsorption, Prechlorination
8	Coagulation and Flocculation
9	Sedimentation
10	Filtration
12	Adsorption
24	Disinfection
13	Ion Exchange
14	Membrane Processes
21	Solids Handling
23	Iron and Manganese Removal, Volatile Contaminant Removal from Groundwater

Wastewater Treatment

Chapter	Topic
7	Screening and Shredding, Grit Removal, Flow Equalization, Quality Equalization
9	Sedimentation
15	Activated Sludge
16	Oxygen Transfer and Mixing
17	Trickling Filters and Rotary Biological Contactors
18	Stabilization Ponds and Aerated Lagoons
24	Disinfection
19	Anaerobic Digestion
20	Aerobic Digestion
21	Solids Handling
22	Land Treatment of Municipal Wastewater and Sludges
23	Flotation, Oil Separation, Septic Tank, and Soil Absorption Systems

Advanced Wastewater Treatment

Chapter	Topic
8	Coagulation and Flocculation
9	Sedimentation
11	Ammonia Stripping
10	Filtration
12	Adsorption
14	Membrane Process
13	Ion Exchange
11	Ammonia Removal by Ion Exchange, Breakpoint Chlorination, and Biological Means
23	Anaerobic Contact Process, Submerged Anaerobic Filter, Biological Phosphorus Removal, Aquatic Systems