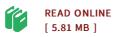




Water Treatment Plant Design, Fifth Edition (Hardback)

By American Water Works Association (AWWA), American Society of Civil Engineers

McGraw-Hill Education - Europe, United States, 2012. Hardback. Condition: New. 5th edition. Language: English . This book usually ship within 10-15 business days and we will endeavor to dispatch orders quicker than this where possible. Brand New Book. THE MOST TRUSTED AND UP-TO-DATE WATER TREATMENT PLANT DESIGN REFERENCE Thoroughly revised to cover the latest standards, technologies, regulations, and sustainability practices, Water Treatment Plant Design, Fifth Edition, offers comprehensive guidance on modernizing existing water treatment facilities and planning new ones. This authoritative resource discusses the organization and execution of a water treatment plant project--from planning and permitting through design, construction, and start-up. A joint publication of the American Water Works Association (AWWA) and the American Society of Civil Engineers (ASCE), this defi nitive guide contains contributions from renowned international experts. COVERAGE INCLUDES:Sustainability Master planning and treatment process selection Design and construction Intake facilities Aeration and air stripping Mixing, coagulation, and flocculation Clarification Slow sand and diatomaceous earth filtration Oxidation and disinfection Ultraviolet disinfection Precipitative softening Membrane processes Activated carbon adsorption Biological processes Process residuals Pilot plant design and construction Chemical systems Hydraulics Site selection and plant arrangement Environmental impacts and project permitting Architectural design HVAC, plumbing, and air supply systems Structural...



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