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Nota di contenuto	<p>""Cover""; ""Copyright ""; ""Contents""; ""Preface""; ""The author""; ""1. Introduction to water quality and water pollution""; ""1.1 Introduction""; ""1.2 Uses of water""; ""1.3 Water quality requirements""; ""1.4 Water pollution""; ""2. Wastewater characteristics""; ""2.1 Wastewater flow rates""; ""2.2 Wastewater composition""; ""3. Impact of wastewater discharges to water bodies""; ""3.1 Introduction""; ""3.2 Pollution by organic matter and stream self purification""; ""3.3 Contamination by pathogenic microorganisms""; ""3.4 Eutrophication of lakes and reservoirs""</p> <p>""3.5 Quality standards for wastewater discharges and water bodies""</p> <p>4. Overview of wastewater treatment systems""; ""4.1 Wastewater treatment levels""; ""4.2 Wastewater treatment operations, processes and systems""; ""4.3 Preliminary treatment""; ""4.4 Primary treatment""; ""4.5 Secondary treatment""; ""4.6 Removal of pathogenic organisms""; ""4.7 Analysis and selection of the wastewater treatment process""; ""5. Overview of sludge treatment and disposal""; ""5.1 Introduction""; ""5.2 Relationships in sludge: solids levels, concentration and flow""</p> <p>""5.3 Quantity of sludge generated in the wastewater treatment processes""""5.4 Sludge treatment stages""; ""5.5 Sludge thickening""; ""5.6 Sludge stabilisation""; ""5.7 Sludge dewatering""; ""5.8 Sludge</p>

disinfection"; "5.9 Final disposal of the sludge"; "6. Complementary items in planning studies"; "6.1 Preliminary studies"; "6.2 Design horizon and staging periods"; "6.3 Preliminary design of the alternatives"; "6.4 Economical study of alternatives"; "References"

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