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Nota di contenuto	Wastewater Bacteria; Contents; PREFACE; PART I BACTERIA AND THEIR ENVIRONMENT; 1 Wastewater Microorganisms; 2 Microbial Ecology; 3 Bacteria; 4 Bacterial Groups; 5 Bioaugmentation; 6 Pathogenic Bacteria; PART II ENZYMES AND BACTERIAL GROWTH; 7 Enzymes; 8 Hydrolytic Bacteria; 9 Bacterial Growth; PART III NITROGEN, PHOSPHORUS, AND SULFUR BACTERIA; 10 Nitrifying Bacteria; 11 Denitrifying Bacteria; 12 Poly-P Bacteria; 13 Sulfur-Oxidizing and Sulfur-Reducing Bacteria; PART IV FLOC FORMATION; 14 Floc-Forming Bacteria; 15 Filamentous Bacteria; PART V FERMENTATION AND METHANE PRODUCTION 16 Fermentative Bacteria 17 Methane-Forming Bacteria; PART VI TOXICITY; 18 Septage; 19 Toxicity; PART VII FOAM AND MALODOR PRODUCTION; 20 Microbial Foam; 21 Biological Malodors; 22 Atmospheric Inversions; REFERENCES; ABBREVIATIONS AND ACRONYMS; CHEMICAL COMPOUNDS AND ELEMENTS; GLOSSARY; INDEX
Sommario/riassunto	A practical guide to wastewater bacteria and the roles they perform in wastewater treatmentCommunicating material in a practical manner for

operators and technicians who regulate and troubleshoot their wastewater treatment processes, *Wastewater Bacteria* discusses the effective control and proper operation of aerobic (activated sludge) and anaerobic (anaerobic digesters) biological treatment units to ensure that an adequate, active, and appropriate population of bacteria is present in each treatment unit. It is a hands-on guide to understanding the biology and biological conditions that
