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Titolo	Troubleshooting the sequencing batch reactor // Michael H Gerardi ; illustrations by Brittany Lytle
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Edizione	[1st ed.]
Descrizione fisica	1 online resource (215 p.)
Collana	Wastewater microbiology series
Disciplina	628.3/2
Soggetti	Sewage - Purification - Sequencing batch reactor process Sewage - Purification - Activated sludge process
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Troubleshooting the Sequencing Batch Reactor; Contents; Preface; Part I: Overview; 1: Introduction; 2: SBR Cycles; 3: SBR Phases; 4: Sludge Wasting; Part II: Substrate; 5: BOD; 6: COD; Part III: Troubleshooting Keys; 7: Introduction to Troubleshooting Keys; 8: Troubleshooting Nitrification; 9: Troubleshooting Denitrification; 10: Troubleshooting High Decant BOD; 11: Troubleshooting High Decant TSS; 12: Troubleshooting Undesired Changes in pH and Alkalinity; 13: Troubleshooting Foam and Scum Production; 14: Troubleshooting Low Dissolved Oxygen; Part IV: BNR and Phosphorus Removal 15: Nutrients16: Biological Nutrient Removal; 17: Chemical Phosphorus Removal; 18: Biological Phosphorus Removal; Part V: Monitoring; 19: Phases and Parameters; 20: ORP; 21: Microscopy; Bibliography; Glossary; Abbreviations and Acronyms; Index
Sommario/riassunto	The practical guide on what to do right when biological influences cause a sequencing batch reactor to go wrong This richly illustrated, straightforward guide carries forth the legacy established by previous

editions in the Wiley Wastewater Microbiology series by focusing attention on the mixed gathering of organisms cohabitating within a sequencing batching reactor (SBR), and the key roles their biology plays in this wastewater processing tank's function. With a clear, user-friendly presentation of complex subject matter, Troubleshooting the Sequence Batch Reactor first
