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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: Nutrients 16: 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
