

1. Record Nr.	UNINA9910787846303321
Autore	Spellman Frank R.
Titolo	Mathematics manual for water and wastewater treatment plant operators : wastewater treatment operations : math concepts and calculations // Frank R. Spellman
Pubbl/distr/stampa	Boca Raton, FL, : CRC Press, 2017
ISBN	0-429-15764-9 1-138-47516-5 1-4822-2428-3
Edizione	[2nd edition.]
Descrizione fisica	1 online resource (256 p.) : illustrations
Collana	Mathematics manual for water and wastewater treatment plant operators Mathematics for water and wastewater treatment plant operators
Disciplina	628.101/51
Soggetti	Water - Purification - Mathematics Water quality management - Mathematics Water - Purification Water quality management Sewage - Purification - Mathematics Sewage disposal - Mathematics Sewage - Purification Sewage disposal
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	Front Cover; Contents; Preface; Author; Chapter 1: Flow, Velocity, and Pumping Calculations; Chapter 2: Preliminary Treatment Calculations; Chapter 3: Primary Treatment Calculations; Chapter 4: Trickling Filter Calculations; Chapter 5: Rotating Biological Contactors; Chapter 6: Activated Biosolids; Chapter 7: Treatment Ponds; Chapter 8: Chemical Dosage; Chapter 9: Biosolids Production and Pumping Calculations; Chapter 10: Biosolids Thickening Calculations; Chapter 11: Biosolids Digestion; Chapter 12: Biosolids Dewatering and Disposal; Chapter 13: Water/Wastewater Laboratory Calculations Chapter 14: Wastewater Treatment Practice Calculations Appendix A: Solutions to Chapter 14 Problems; Appendix B: Formulas; Back Cover

Sommario/riassunto

To properly operate a waterworks or wastewater treatment plant and to pass the examination for a waterworks/wastewater operator's license, it is necessary to know how to perform certain calculations. All operators, at all levels of licensure, need a basic understanding of arithmetic and problem-solving techniques to solve the problems they typically encounter in the workplace.
