

1. Record Nr.	UNINA9910812854703321
Titolo	Ultraviolet disinfection for wastewater -- low-dose application guidance for secondary and tertiary discharges // Water Environment Federation
Pubbl/distr/stampa	Alexandria, Virginia : , : Water Environment Federation, , [2015] ©2015
ISBN	1-57278-317-6 1-5231-0309-4
Descrizione fisica	1 online resource (xxii, 210 pages) : illustrations
Disciplina	628.32
Soggetti	Sewage - Purification - Ultraviolet treatment
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	1. Introduction -- 2. Ultraviolet disinfection process concepts and equipment systems -- 3. Bioassay methods to determine the ultraviolet dose (fluence) delivery and ultraviolet system -- 4. Innovations and advances in ultraviolet reactor analysis and validation -- 5. Process design and system sizing -- 6. Equipment selection, facility design, and project delivery -- 7. Ultraviolet project delivery, startup, and commissioning -- 8. Operational considerations -- 9. Case studies.