

1. Record Nr.	UNINA9910464682403321
Autore	Sedlak David L.
Titolo	Uptake by algae of dissolved organic nitrogen from BNR treatment plant effluents / / by David L. Sedlak, Joonseon Jeong, Haizhou Liu
Pubbl/distr/stampa	Alexandria, Virginia : , : WERF, , 2013 ©2013
Descrizione fisica	1 online resource (64 p.)
Collana	Nutrients
Disciplina	628.3
Soggetti	Sewage - Purification Algae Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Final Report"--Cover.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	<p>""Cover""; ""Copyright""; ""Acknowledgments""; ""Abstract and Benefits""; ""Table of Contents""; ""List of Tables""; ""List of Figures""; ""List of Acronyms""; ""Executive Summary""; ""Chapter 1.0: Introduction""; ""1.1 Background""; ""1.2 Approach""; ""Chapter 2.0: Removal of Inorganic Nitrogen from Wastewater Effluent Samples""; ""2.1 Background""; ""2.2 Materials and Methods""; ""2.2.1 Sample Locations""; ""2.2.2 Nitrate Removal Procedure""; ""2.2.3 Analytical Methods""; ""2.3 Results and Discussions""; ""Chapter 3.0: Separation of Hydrophilic and Hydrophobic Dissolved Organic Nitrogen"" ""3.1 Background""""3.2 Materials and Methods""; ""3.3 Results and Discussion""; ""Chapter 4.0: Fate and Effluent DON Fractions in Algal Growth Bioassays""; ""4.1 Background""; ""4.2 Materials and Methods""; ""4.3 Results and Discussion""; ""4.3.1 Truckee Meadows Water Reclamation Facility (TMWRF)""; ""4.3.2 King William Wastewater Treatment Plant (KWWTP)""; ""4.3.3 Broad Run Water Reclamation Facility (BRWRF)""; ""4.3.4 San Jose/Santa Clara Wastewater Treatment Plant (SJWTP)""; ""4.3.5 North Durham Water Reclamation Facilities (NDWRF)"" ""4.3.6 South Durham Water Reclamation Facilities (SDWRF)""""4.3.7 RWSA Moores Creek Wastewater Treatment Plant (RVWTP)""; ""4.3.8 HRSD Nansemond Wastewater Treatment Plant (NAWTP)""; ""4.3.9 Neuse</p>

River Wastewater Treatment Plant (NRWTP)"; "4.3.10 Parkway Wastewater Treatment Plant (PKWTP)"; "4.3.11 Positive Controls with Reference Materials"; "4.3.12 Summary of Results from Bioassays"; "Chapter 5.0: Summary and Conclusions"; "Appendix A: Details of the Type of Treatment and Disinfection in Each Wastewater Treatment Plant"; "References"
