1. Record Nr. UNINA9910817555603321 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 Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali "Final Report"--Cover. Nota di bibliografia Includes bibliographical references. ""Cover"": ""Copyright""; ""Acknowledgments""; ""Abstract and Benefits""; Nota di contenuto ""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

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