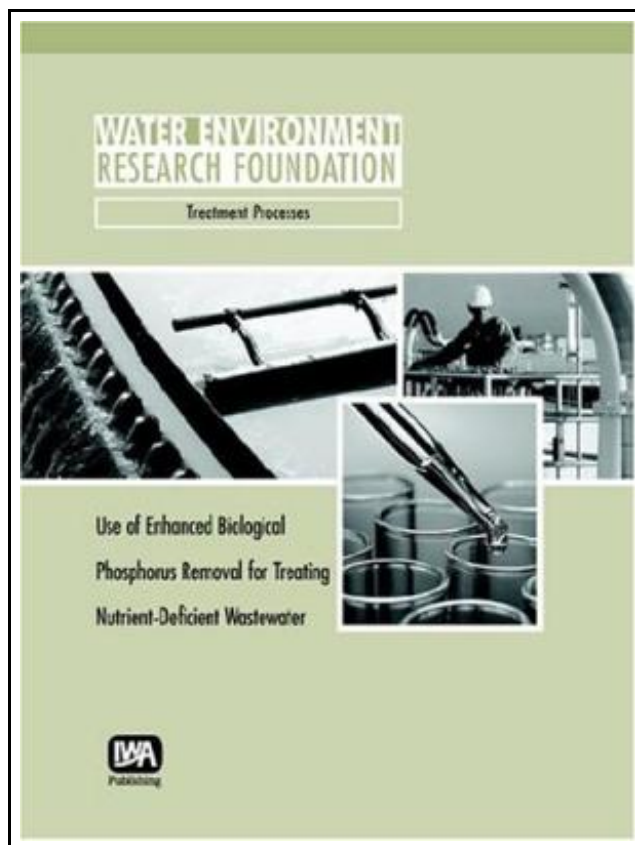


Use of Enhanced Biological Phosphorus Removal for Treating Nutrient-deficient Wastewater: Treatment Processes (Project 00-CTS-13ET) (Paperback)



Filesize: 8.61 MB

Reviews

A new electronic book with a new point of view. it was writtern extremely completely and beneficial. Its been written in an extremely straightforward way in fact it is simply following i finished reading this publication through which really altered me, alter the way i really believe.
(Dr. Florian Runte)

USE OF ENHANCED BIOLOGICAL PHOSPHORUS REMOVAL FOR TREATING NUTRIENT-DEFICIENT WASTEWATER: TREATMENT PROCESSES (PROJECT 00-CTS-13ET) (PAPERBACK)

DOWNLOAD



To get **Use of Enhanced Biological Phosphorus Removal for Treating Nutrient-deficient Wastewater: Treatment Processes (Project 00-CTS-13ET) (Paperback)** eBook, make sure you refer to the hyperlink beneath and save the document or get access to additional information which might be in conjunction with **USE OF ENHANCED BIOLOGICAL PHOSPHORUS REMOVAL FOR TREATING NUTRIENT-DEFICIENT WASTEWATER: TREATMENT PROCESSES (PROJECT 00-CTS-13ET) (PAPERBACK)** ebook.

Iwa Publishing, United Kingdom, 2004. Paperback. Book Condition: New. 274 x 208 mm. Language: English . Brand New Book ***** Print on Demand *****.Anaerobic/aerobic (AnA) and completely aerobic (CA) laboratory-scale sequencing batch reactors operating on an acetate- and casamino acids-based synthetic wastewater were used to investigate the suitability of the AnA process for treating nutrient-deficient wastewaters in plants that have stringent effluent nutrient requirements. Of particular interest is the case where phosphorus (P)-deficient wastewaters with highly variable influent COD loading are being treated to meet both effluent TSS and P limits. At a 4 d mean cell residence time, AnA activated sludge had an approx. 20 lower P requirement than CA activated sludge. The difference between the end-of-aerobic cycle polyhydroxyalkanoate and carbohydrate contents of the sludges indicated that the AnA sludge used more influent carbon than the CA sludge for synthesis of non-P-containing storage products. The nitrogen requirements of AnA sludge were similar to those of the CA sludge. The AnA and CA SBRs were subjected to three different transient influent COD loading patterns that simulated (#1) daily COD Loading fluctuations, (#2) low weekend COD loading, and (#3) extended low COD loading periods. During the Loading Pattern #1 experiment, the average effluent soluble P concentrations for the AnA and CA SBRs were 0.4 and 1.0 mgP/L respectively, and complete removal of influent acetate was observed. During the Loading Pattern #2 experiment, the average effluent soluble P concentrations for the AnA and CA SBRs were 0.3 and 0.9 mgP/L respectively, but effluent acetate was detected during the first high COD loading cycle following the low weekend COD loading period. During the Loading Pattern #3 experiment, the VSS content of both reactors dropped sharply, effluent acetate breakthrough occurred, and effluent P concentrations exceeding 1 mgP/L were detected in both the AnA and CA...



Read Use of Enhanced Biological Phosphorus Removal for Treating Nutrient-deficient Wastewater: Treatment Processes (Project 00-CTS-13ET) (Paperback) Online



Download PDF Use of Enhanced Biological Phosphorus Removal for Treating Nutrient-deficient Wastewater: Treatment Processes (Project 00-CTS-13ET) (Paperback)



Download ePUB Use of Enhanced Biological Phosphorus Removal for Treating Nutrient-deficient Wastewater: Treatment Processes (Project 00-CTS-13ET) (Paperback)

Other eBooks



[PDF] Kindergarten Culture in the Family and Kindergarten; A Complete Sketch of Froebel s System of Early Education, Adapted to American Institutions. for the Use of Mothers and Teachers (Paperback)

Access the hyperlink listed below to get "Kindergarten Culture in the Family and Kindergarten; A Complete Sketch of Froebel s System of Early Education, Adapted to American Institutions. for the Use of Mothers and Teachers (Paperback)" document.

[Download ePub »](#)



[PDF] THE Key to My Children Series: Evan s Eyebrows Say Yes (Paperback)

Access the hyperlink listed below to get "THE Key to My Children Series: Evan s Eyebrows Say Yes (Paperback)" document.

[Download ePub »](#)



[PDF] The Preschool Inclusion Toolbox: How to Build and Lead a High-Quality Program (Paperback)

Access the hyperlink listed below to get "The Preschool Inclusion Toolbox: How to Build and Lead a High-Quality Program (Paperback)" document.

[Download ePub »](#)



[PDF] Violin Concerto, Op.82: Study Score (Paperback)

Access the hyperlink listed below to get "Violin Concerto, Op.82: Study Score (Paperback)" document.

[Download ePub »](#)



[PDF] Oxford Phonics Spelling Dictionary (Paperback)

Access the hyperlink listed below to get "Oxford Phonics Spelling Dictionary (Paperback)" document.

[Download ePub »](#)



[PDF] Spectrum Reading for Theme and Details in Literature, Grade 4 (Paperback)

Access the hyperlink listed below to get "Spectrum Reading for Theme and Details in Literature, Grade 4 (Paperback)" document.

[Download ePub »](#)



[PDF] Three Simple Rules for Christian Living: Study Book (Paperback)

Access the web link below to get "Three Simple Rules for Christian Living: Study Book (Paperback)" document.

[Save Book »](#)



[PDF] Never Invite an Alligator to Lunch! (Paperback)

Access the web link below to get "Never Invite an Alligator to Lunch! (Paperback)" document.

[Save Book »](#)



[PDF] Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications . (Paperback)

Access the web link below to get "Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications . (Paperback)" document.

[Save Book »](#)



[PDF] The Mystery of God s Evidence They Don t Want You to Know of (Paperback)

Access the web link below to get "The Mystery of God s Evidence They Don t Want You to Know of (Paperback)" document.

[Save Book »](#)



[PDF] DK Readers L1: Jobs People Do: A Day in the Life of a Teacher (Paperback)

Access the web link below to get "DK Readers L1: Jobs People Do: A Day in the Life of a Teacher (Paperback)" document.

[Save Book »](#)



[PDF] Ne ma Goes to Daycare (Paperback)

Access the web link below to get "Ne ma Goes to Daycare (Paperback)" document.

[Save Book »](#)