Planning and Installing Sustainable Onsite Wastewater Systems

S. M. Parten
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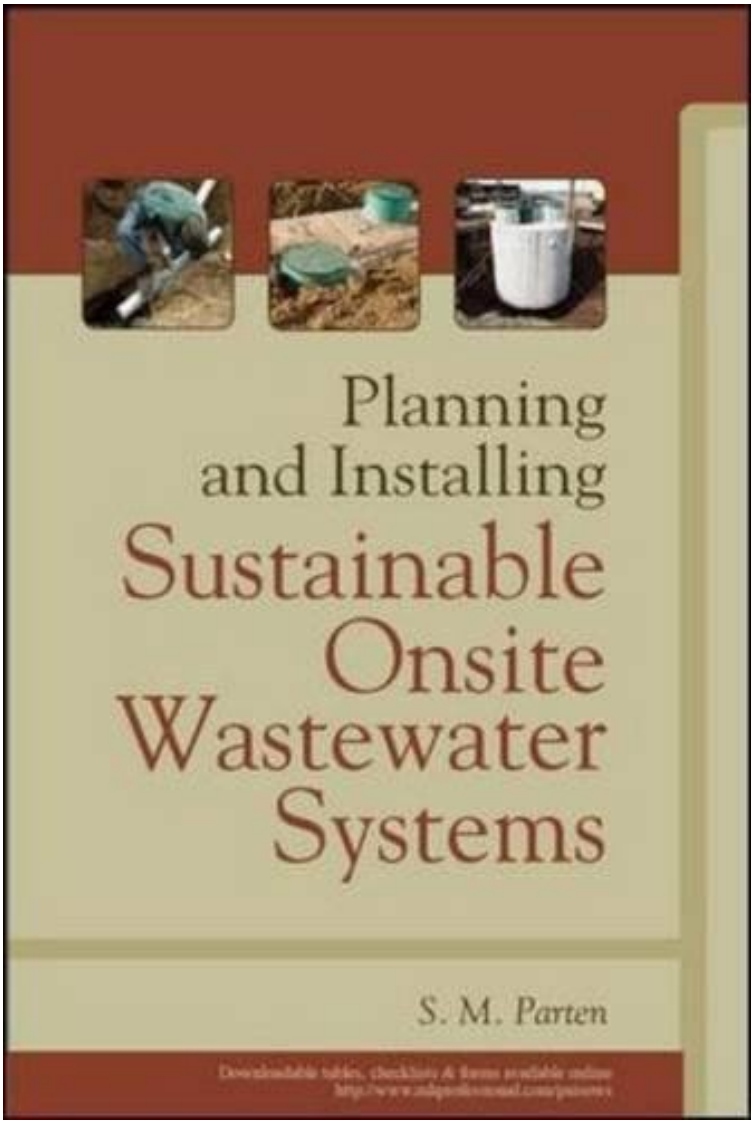

#1251926 in Books S M Parten 2009-11-12Original language:EnglishPDF # 1 9.30 x 1.23 x 6.40l, 1.55 #File Name: 0071624635436 pagesPlanning and Installing Sustainable Onsite Wastewater Systems | File size: 23.Mb

S. M. Parten : Planning and Installing Sustainable Onsite Wastewater Systems before purchasing it in order to gage whether or not it would be worth my time, and all praised Planning and Installing Sustainable Onsite Wastewater Systems:

4 of 4 people found the following review helpful. Book ContentBy NarwhalMy Company, WATER Research Associates Inc., has a very advanced, sustainable technology for on-site wastewater treatment systems currently being installed throughout Nova Scotia, Can. I wanted to be able to review the latest, competitive engineering systems on the

market throughout N. America to be able to determine how far ahead we were over engineered systems. Any book, by the time it is published of course, is some what dated technically. This book, printed in 2010, provided an excellent overview and background of the state of the art as of 2009-2010 in this field. In my opinion it was money well spent, even for DIYs'.0 of 0 people found the following review helpful. Great bookBy CustomerText is everything I was looking for- is up to date and covers all important aspects of small onsite wastewater disposal systems- very well written.2 of 2 people found the following review helpful. Very good text for engineers and buildersBy Chris Rollins, PEI used this book for projects in southern Africa including an ecolodge, low-cost housing, and general consulting. It is exceptional because it includes both technical guidelines for the environmental engineer as well as photos and CAD sketches for the builder. Various products are also mentioned. This book would serve anyone working in remote areas of the world, where limited skills, tools and materials are available, but I think it could also be valuable to people practicing in industrialized countries too.-Chris Rollins, PE (Alaska and Colorado, USA)

A detailed Guide to Sustainable Decentralized Wastewater Systems Covering technical principles and practical applications, this comprehensive resource explains how to design and construct sound and sustainable decentralized wastewater systems of varying sizes and in differing geophysical conditions. Planning and Installing Sustainable Onsite Wastewater Systems covers state-of-the-art techniques, materials, and industry practices, and provides detailed explanations for why certain approaches result in more sustainable projects. A rational approach is presented for assessing assimilative capabilities of soils, and selecting methods of wastewater treatment and dispersal that make optimal use of natural treatment processes and site conditions. In-depth design and construction information highlights nonproprietary methods proven to be very sustainable and cost effective on a long-term basis for many geographic settings. Step-by-step illustrations and project examples featuring real-world implementations of onsite wastewater systems are included in this definitive volume. Planning and Installing Sustainable Wastewater Systems covers: Sustainability factors and planning considerations for decentralized wastewater systems Project planning and site evaluation Wastewater collection and conveyance methods Design and installation of primary treatment units Comparisons of secondary and advanced treatment methods Sand filter construction Subsurface flow wetland performance and construction Effluent dispersal methods Design and installation of low-pressure dosed effluent dispersal systems

About the AuthorS.M. Parten is a licensed professional engineer with 25 years of experience researching and designing projects for decentralized and centralized wastewater systems. Parten served as a member of the Water Environment Federation's Technical Committee Task Force for the technical review of Natural Systems for Wastewater Treatment.