



Technical Manual: Outlet Works Energy Dissipators: Best Practices for Design, Construction, Problem Identification and Evaluation, Inspection, Maintenance, Renovation, and Repair

By Federal Emergency Management Agency

Createspace, United States, 2015. Paperback. Book Condition: New. 279 x 216 mm. Language: English . Brand New Book ***** Print on Demand *****.Water emerging from an outlet works conduit typically requires dissipation of excess kinetic energy to prevent downstream channel erosion. This flow often discharges at a high velocity and must be directed away from the toe of the dam. An energy dissipator is used to retard the fast moving water by creating turbulence and developing a loss through change in the water's momentum. This prevents damage to the channel downstream from the structure. The design of an energy dissipating structure can vary from simple to complex. The selection of the proper structure must consider: The energy content and unit discharge of the flow entering the dissipator; The type of valve or gate used to regulate discharge; The number of conduits involved; The duration and frequency of flow; The compatibility with the conduit or tunnel from which flow is emerging; The amount of energy that must be dissipated to control downstream channel erosion; Tailwater conditions; Alignment and location with respect to the toe of the dam and other features; Economic concerns. The goal of this manual is to provide...



READ ONLINE
[1.03 MB]

Reviews

This book is definitely not straightforward to get started on studying but extremely exciting to read. It is really simplistic but shocks in the 50 percent of the ebook. Once you begin to read the book, it is extremely difficult to leave it before concluding.

-- Ally Reichel

This publication is amazing. It is definitely basic but shocks in the fifty percent of your publication. You won't feel monotony at anytime of your own time (that's what catalogues are for concerning if you question me).

-- Prof. Kirk Cruickshank DDS

Other PDFs



[Twitter Marketing Workbook: How to Market Your Business on Twitter](#)

Createspace Independent Publishing Platform, United States, 2016. Paperback. Book Condition: New. Workbook. 279 x 216 mm. Language: English . Brand New Book ***** Print on Demand *****.Twitter Marketing Workbook 2016 Learn how to market your business on Twitter for free A best-selling...



[I Learn, I Speak: Basic Skills for Preschool Learners of English and Chinese](#)

Paraxus International, Inc., United States, 2012. Paperback. Book Condition: New. 279 x 216 mm. Language: English . Brand New Book ***** Print on Demand *****.Please go to // and shapes for some high resolution sample pages. Learn Chinese - Basic Skills for...



[From Out the Vasty Deep](#)

Createspace Independent Publishing Platform, United States, 2015. Paperback. Book Condition: New. 279 x 216 mm. Language: English . Brand New Book ***** Print on Demand *****.Love, ghosts, mystery and a sense of impending horror are the ingredients of this story which is...



[Do Monsters Wear Undies Coloring Book: A Rhyming Children s Coloring Book](#)

Createspace Independent Publishing Platform, United States, 2015. Paperback. Book Condition: New. Mark Smith (illustrator). 279 x 216 mm. Language: English . Brand New Book ***** Print on Demand *****.A #1 Best Selling Children s Book Is Now A Coloring Book! Parents and...



[Flappy the Frog: Stories, Games, Jokes, and More!](#)

Createspace, United States, 2015. Paperback. Book Condition: New. 279 x 216 mm. Language: English . Brand New Book ***** Print on Demand *****.Are you looking for a kid s or children s book that is highly entertaining, great for early readers, and...



[Hoppy the Happy Frog: Short Stories, Games, Jokes, and More!](#)

Createspace, United States, 2015. Paperback. Book Condition: New. 279 x 216 mm. Language: English . Brand New Book ***** Print on Demand *****.Are you looking for a kid s or children s book that is highly entertaining, great for early readers, and...