PDHonline Course C188 (3 PDH)

Soil Erosion and Sediment Control

Instructor: John Poullain, PE

2012

PDH Online | PDH Center

5272 Meadow Estates Drive
Fairfax, VA 22030-6658
Phone & Fax: 703-988-0088
www.PDHonline.org
www.PDHcenter.com

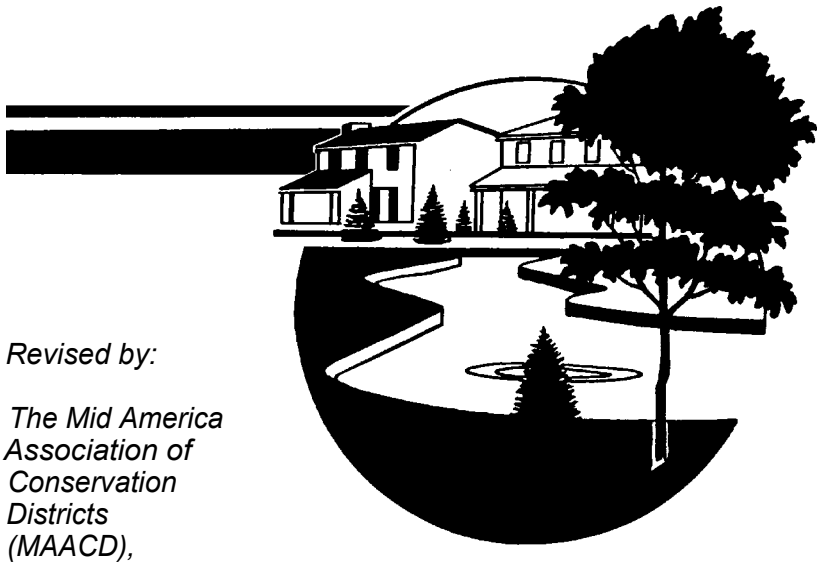
An Approved Continuing Education Provider

Protecting Water Quality

A field guide to erosion, sediment and stormwater best management practices for development sites in Missouri and Kansas

Protecting Water Quality

A field guide to erosion, sediment and stormwater best management practices for development sites in Missouri and Kansas



Prepared by:

The St. Charles County Soil & Water Conservation District, St. Charles, Missouri, & the Dam and Reservoir Safety Program, Division of Geology and Land Survey, Missouri Department of Natural Resources, Rolla, Missouri

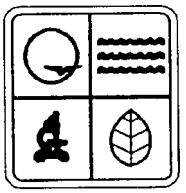
Revised by:

The Mid America Association of Conservation Districts (MAACD), Kansas City, Missouri, to include Kansas and Missouri

Publication

Original Printing: November 1995
Second Printing: September 1998
Reprint: November 1999

The original publication of this manual was funded in part by the Missouri Department of Natural Resources (DNR), administered by the Water Pollution Control Program, Division of Environmental Quality. Funds for the subgrant award were made available from the United States Environmental Protection Agency (EPA) under authority of Section 319 of the Clean Water Act.



Missouri Department of Natural Resources

The original manual was a cooperative project of the St. Charles County Soil and Water Conservation District and the Dam and Reservoir Safety Program, Division of Geology and Land Survey, Missouri Department of Natural Resources.

The revised manual for the second printing was a cooperative project of the above and the Mid America Association of Conservation Districts in Kansas City, Missouri. The publication of the revised manual was funded by EPA Region VII through the Missouri DNR under Section 319 of the Clean Water Act.

Disclaimer

This manual is not intended to be a guide to design plans and specifications, but a source of information about erosion, sediment and stormwater control best management practices. The contents should not be interpreted as necessarily representing the policies or recommendations of other referenced agencies or organizations.

This is not a complete list of urban-applicable practices. For comments or information, contact your closest Soil & Water Conservation District office.

Preface

Purpose The purpose of this field manual is to provide developers, contractors, site managers and inspectors with a guide to the installation and maintenance of construction site erosion, sediment and stormwater control practices in Kansas and Missouri. Proper installation and maintenance of these structural and biological practices will protect our valuable water resources from harmful pollutants.

This manual can also be a useful reference document for engineers, planners, public officials and others involved in land disturbance activities, although it is not intended as a design manual. For detailed design guidance, please refer to the Illinois Urban Manual, a Technical Manual Designed for Urban Ecosystem Protection and Enhancement, 1995. Design guidance from the Illinois Urban Manual is currently accepted by the Natural Resources Conservation Service in Illinois and Missouri, by other local entities in Missouri and by the Mid America Regional Council in the Kansas City region. The Illinois Urban Manual can be accessed via the internet by contacting the Illinois NRCS homepage at il.nrcs.usda.gov. Hard copies of the manual can be obtained by contacting Curtis Janssen or Emery Wiens at 785-295-2534 in Kansas or by contacting Kent Sims, Urban Conservationist, at 630-505-7808 in Naperville, Illinois.

Original Project Team

The St. Charles County Soil and Water Conservation District
Don Hamer, Project Manager and Karen Babcock Grimes, Editor; and

The Dam and Reservoir Safety Program, Division of Geology and Land Survey, Missouri Department of Natural Resources
James L. Alexander, P.E., Chief Engineer; Robert A. Clay, P.E., Civil Engineer; and Jordan F. Ott, E.I.T., Dam Safety Engineer

Primary Authors

James L. Alexander, P.E., Chief Engineer; Robert A. Clay, P.E., Civil Engineer; and Jordan F. Ott, E.I.T., Dam Safety Engineer

Illustrations

Robert A. Clay and Jordan F. Ott, except where otherwise noted.

Table of Contents