



Natural Resources Conservation Service
210 Walnut Street, Room 693
Des Moines, IA 50309-2180

October 28, 2013

IOWA INSTRUCTION 210-387 – BEGIN USE OF WATERSHED EROSION WORKSHEET (IA-PDM-1)
FILLABLE FORM

IA387.0 PURPOSE

This Iowa Instruction specifies the date to begin using the Iowa Engineering fillable form, Watershed Erosion Worksheet (IA-PDM-1). This instruction also directs the discontinued use of all versions of its predecessor, the Watershed Analysis Worksheet (IA-PDM-1).

IA387.1 SCOPE

These instructions will be followed by all Iowa NRCS staff and partner employees providing technical assistance under Memorandums of Understanding with NRCS.

IA387.2 FILING INSTRUCTIONS

This Iowa Instruction will be posted on the Iowa NRCS Employee Website, which can be accessed under the Topics/People/NRCS Employees/Iowa NRCS eDirectives or at this link [Iowa NRCS eDirectives System](#).

IA387.3 EXHIBITS

See the attachment.

/s/ Jay T. Mar
State Conservationist

Attachment

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(IA Instruction 210-387 First Edition – October 2013)

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IOWA INSTRUCTION 210-387 – BEGIN USE OF WATERSHED EROSION WORKSHEET
(IA-PDM-1) FILLABLE FORM

The Watershed Analysis Worksheet (IA-PDM-1) has been used by NRCS field offices since 1982 to calculate annual tons of soil loss resulting from sheet and rill erosion in project watersheds. NRCS geologists and engineers use these erosion amounts along with other data to determine the sediment storage requirements of ponds and reservoirs.

The 1982 Watershed Analysis Worksheet (IA-PDM-1) is a paper form not supported by any software application and requires a pencil and calculator to complete. As a result, over the years several field offices have developed their own Excel spreadsheet versions of the form to expedite its use.

Form IA-PDM-1 has now been significantly revised, converted to an Excel fillable form, and renamed the Watershed Erosion Worksheet. In addition, the fillable form now provides minimum values for non-cropland land-use types, which will support consistency among field offices. Lower rates shall not be used for these non-cropland land-use types. For cropland acres, erosion rates shall be determined using RUSLE2.

The fillable form Watershed Erosion Worksheet (IA-PDM-1) is located on the Iowa Engineering website at <http://www.nrcs.usda.gov/wps/portal/nrcs/main/ia/technical/engineering/> under *Iowa Engineering Forms*. It includes instructions and an example of a completed worksheet.

Effective Immediately, all Iowa NRCS staff shall use the fillable form Watershed Erosion Worksheet (IA-PDM-1) and shall discontinue use of all paper and spreadsheet versions of its predecessor, the Watershed Analysis Worksheet (IA-PDM-1). All NRCS staff also includes partner employees providing technical assistance under Memorandums of Understanding with NRCS.

Any questions concerning this instruction shall be directed to Kathleen Woida, State Geologist, at kathleen.woida@ia.usda.gov.

Approved By:

Date:

/s/ Jay T. Mar
State Conservationist

10/30/13