



Natural Resources Conservation Service  
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Bozeman, MT 59715

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December 18, 2002

**NATIONAL ENGINEERING HANDBOOK (NEH) FILING SYSTEM (PARTS 600/659)  
210-VI  
AMENDMENT MT24**

**SUBJECT:** ENG--DISTRIBUTION OF NATIONAL ENGINEERING HANDBOOK (NEH), PART 651, AGRICULTURAL WASTE MANAGEMENT FIELD HANDBOOK, CHAPTER 10, COMPONENT DESIGN, MONTANA SUPPLEMENT, "SIMPLIFIED AG-WASTE METHOD" AND MONTANA TABULATION SHEETS

**Purpose.** To transmit a revised Montana Supplement to the National Engineering Handbook (NEH), Part 651, Chapter 10, Component Design, Amendment MT24, "Simplified Ag-Waste Method", and tabulation sheets for Parts 600/609--General and Part 651--Agricultural Waste Management Field Handbook.

**Effective Date.** This amendment is effective upon receipt.

**Explanation of Material.** This material replaces National Engineering Handbook (NEH), Part 651, Chapter 10, Component Design, Amendment MT21, "Ag Waste, Collection and Utilization, A Job Class III Alternative Method" dated March 2002. This supplement presents a simplified method to be used by field office staffs for the analysis of agricultural waste handling systems for Job Class III feedlot operations. The supplement describes the background of historical Montana agricultural waste handling practices as well as the principles behind a more modern water budget approach to handling agricultural waste liquids. This new method is contained in an Excel spreadsheet that requires basic site input data. The supplement also contains the step-by-step procedures, interpretation of results, and limitations to be used in the design of collection basins, vegetated filter strips, and containment dikes. Two sample and two example problems are included which demonstrate this new procedure.

**Filing Instructions.** In the National Engineering Handbook (NEH), Part 600/609, General, replace and insert the updated Montana Tabulation Sheet and after that insert the Montana Amendment 24 transmittal letter. In the National Engineering Handbook (NEH), Part 651, Agricultural Waste Management Handbook, replace and insert the green updated Montana tabulation sheet. After the index tab, Part 651, Ch. 10 remove and discard documentation Amend. MT21, Pages MT10-i through MT10(EX-32) dated March 2002. Insert after the index tab, Part 651, Ch. 10, Amend. MT24, Pages MT10-i through MT10(A-1) dated December 2002. The Simplified Method Excel spreadsheet referenced in the documentation is found at the following website:

<http://www.mt.nrcs.usda.gov/technical/eng/worksheets.html>

All Holders of National Engineering Handbook

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Please contact Geoff Cerrelli at (406) 587-6853 or ReNae Grantier at (406) 587-6822 if you have any questions or concerns.

/s/ by Dave White on (12/18/02) / rg

DAVE WHITE  
State Conservationist

Enclosures

DIST: NEH  
Engineers (w/attachment)  
Field Offices (w/o attachment)  
Northern Plains State Conservation Engineers  
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