



Natural Resources Conservation Service
Federal Building, Room 443
10 East Babcock
Bozeman, MT 59715

December 20, 2007

NATIONAL ENGINEERING FIELD HANDBOOK SERIES (PART 650/BOOK I)
Montana Supplement to the Engineering Field Handbook
210-VI
AMENDMENT MT47

SUBJECT: ENG—UPDATES TO THE NATIONAL ENGINEERING HANDBOOK PART 650, MONTANA SUPPLEMENT; CHAPTER 50—ENGINEERING SPECIFICATIONS, CHAPTER 51—PLANNING AND DESIGN GUIDE, CHAPTER 52—OPERATION AND MAINTENANCE, CHAPTER 53—ENGINEERING WORKSHEETS.

Purpose: To distribute a revised Engineering Specification MT-642-1, Planning and Design Guide Water Well, and Operation and Maintenance Guide Water Well. To delete Engineering Worksheet MT-ENG-642-a, and MT-642-b. To add Engineering Worksheet MT-533.

Effective Date: This supplement is effective upon receipt.

Explanation of Changes: To remove and discard Engineering Specification MT-642 dated August 2004, Planning and Design Guide Water Well dated August 2004, and Operation and Maintenance Guide Water Well dated August 2004.

Add Engineering Specification MT-642 dated December 2007, Planning and Design Guide Water Well dated December 2007, and Operation and Maintenance Guide Water Well dated December 2007 that reference DNRC Form No. 603 R2-04 and engineering worksheet MT-ENG-533.

Delete Form MT-ENG-642-a because it is redundant with the requirement for licensed well drillers to complete DNRC Form No. 603 R2-04. A copy of this DNRC form shall be submitted to the NRCS prior to the release of cost-share.

Delete Form MT-ENG-642-b and replace it with MT-ENG-533. MT-ENG-533 is the pump installer's certification of completion which is applicable to all pumping plants; stockwater, irrigation, and manure transfer. MT-ENG-533 shall be submitted to the NRCS prior to the release of cost-share.

Forms can be found at:

[NEH Montana Supplement, Chapter 50 Engineering Specifications](#)

[NEH Montana Supplement, Chapter 51 Planning and Design Guides](#)

[NEH Montana Supplement, Chapter 52 Operation and Maintenance Guides](#)

[NEH Montana Supplement, Chapter 53 Engineering Worksheets](#)

This transmittal has been electronically located at the Montana NRCS web site under: <http://www.mt.nrcs.usda.gov/technical/eng/amendMTsupplement.html>, which includes the Montana Tabulation Sheet. The table of contents for each chapter is found at “Chapter Cover, Introduction, Instructions, Index”.

Filing Instructions:

1. Remove and replace Montana Tabulation Sheet in front of the Montana Supplement to the Engineering Handbook.
2. Remove and replace after index tab Chapter 50, Specifications, Table of Contents, Pages 50-3/4 dated July 2007 with Pages 50-3/4 dated December 2007.
3. Remove and replace after index tab Chapter 50, Specifications, and after Underground Outlet(620) Construction Specification, revised Water Well dated August 2004 and replace with version December 2007.
4. Remove and replace after index tab Chapter 51, Planning and Design Guide, the revised Planning and Design Guide for Water Well, Pages 51-39 to 51-41 dated August 2004 with December 2007 version.
5. Remove and replace after index tab Chapter 52, Operation and Maintenance, revised Water Well, pages 52-26 to 52-31 dated August 2004 and April 2005 with version December 2007.
6. Remove and replace after index tab Chapter 53, Engineering Worksheets, Table of Contents, Page 53-7/8 dated August 2004 with Pages 53-7/8 dated December 2007. Remove form MT-ENG-642-a and MT-ENG-642-b.
7. Insert after index tab Chapter,53, Engineering Worksheets, after worksheet MT-ENG-50501b, and add the new Pumping Plant Certification of Installation (MT-ENG-533).

If you have any questions, please contact Steve Becker, State Conservation Engineer at (406) 587-6828, or e-mail him at steve.becker@mt.usda.gov.

/s/

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