

**UNITED STATES DEPARTMENT OF AGRICULTURE  
NATURAL RESOURCES CONSERVATION SERVICE  
MLRA REGION 11, INDIANAPOLIS, INDIANA**

**FIRST AMENDMENT  
TO THE  
CLASSIFICATION AND CORRELATION  
OF THE SOILS OF  
PIKE COUNTY, ILLINOIS**

**October 24, 2003**

**AMENDMENT NO. 1**

A correlation amendment needs to be added to the “Classification and Correlation of the Soils in Pike County, Illinois” document issued in September, 2001. The changes are needed to facilitate SSURGO certification, an exact join with the adjacent Adams County update and to update the Pike County legend to the current MLRA 115C legend. The corrections needed are as follows:

**Pages 2-8, Change the following Publication symbols and Approved map unit names:**

From: 8D2 Hickory loam, 10 to 18 percent slopes, eroded  
To: 8D2 Hickory silt loam, 10 to 18 percent slopes, eroded

From: 242A Kendall silt loam, 0 to 2 percent slopes  
To: 7242A Kendall silt loam, 0 to 2 percent slopes, rarely flooded

From: 274B Seaton silt loam, 2 to 5 percent slopes  
To: 216B Stookey silt loam, 2 to 5 percent slopes

From: 655D2 Ursa silt loam, 10 to 18 percent slopes, eroded  
To: 605D2 Ursa silt loam, 10 to 18 percent slopes, eroded

From: 655D3 Ursa silty clay loam, 10 to 18 percent slopes, severely eroded  
To: 605D3 Ursa silty clay loam, 10 to 18 percent slopes, severely eroded

From: 655E2 Ursa silt loam, 18 to 25 percent slopes, eroded  
To: 605E2 Ursa silt loam, 18 to 25 percent slopes, eroded

From: 1070L Beaucoup silty clay loam, 0 to 2 percent slopes, undrained, occasionally flooded, long duration  
To: 1070A Beaucoup silty clay loam, undrained, 0 to 2 percent slopes, occasionally flooded

From: 3162A Gorham silty clay loam, 0 to 2 percent slopes, frequently flooded  
To: 1070A Beaucoup silty clay loam, undrained, 0 to 2 percent slopes, occasionally flooded

From: MW Miscellaneous water  
To: M-W Miscellaneous water

The above changes are also made to the conversion legend (pages 18-19), the alphabetical soil identification legend (pages 20-22), the notes to accompany (pages 23-31), and prime farmland (page 32).

**Page 13, Disposition of field sheets:** Replace the existing paragraph with the following: The 135 published soil atlas sheets at a scale of 1:15,840 were orthorectified and ratioed to a scale of 1:12,000 using Orthomapper software. These 1:12,000 scale orthophoto quarter quad maps serve as the base maps for the update soil survey of Pike County. Publication scale is 1:12,000 according to SSURGO standards. Copies of a computer tape of the final digital product will remain at the Illinois NRCS state office. Digital spatial and attribute data will be provided to the Pike County Board as a part of the cost share cooperative agreement.

**Page 14, Instructions for map compilation and map finishing:** Delete this paragraph.

**Page 14, Conventional and Special Symbols Legend:** Delete the last two sentences.

**Pages 15-17, Delete the following cultural features from the Symbols Legend (NRCS SOILS 37A) and Definitions and Guidelines for Use of Conventional and Special symbols:**

Cemetery, Hydro-Unclassified single line, Drainage end, Unclassified drainage and/or irrigation ditch and Gravel pit.

**Pages 23-31, Notes to Accompany the Classification and Correlation of the Soils of Pike County, Illinois, add the following notes:**

Map unit 242A Kendall silt loam, 0 to 2 percent slopes was changed to 7242A Kendall silt loam, 0 to 2 percent slopes, rarely flooded. The landform where the 242A is compiled fits a rarely flooded position, and the 7242A will be used in these areas.

271D3 Timula silt loam, 10 to 18 percent slopes, severely eroded. Change classification from fine-silty, mixed, superactive, mesic Typic Udorthents as stated in the Correlation Document notes to accompany; to coarse-silty, mixed, superactive, calcareous, mesic Typic Udorthents. (Silt texture begins at 11 inch depth).

Map unit 274B Seaton silt loam, 2 to 5 percent slopes was changed to 216B Stookey silt loam, 2 to 5 percent slopes. All Seaton B slopes are in the warm mesic area of the county, and are correlated to Stookey.

The map symbols for all Ursa map units (655D2, 655D3, & 655E2) are changed from 655 to 605. These soils have a 4 to 6 foot water table, the Data Mapunits reflect this. The 655 number was originally established for this purpose, but is no longer needed.

1070L Beaucoup silty clay loam, 0 to 2 percent slopes, undrained, occasionally flooded, long duration was changed to 1070A Beaucoup silty clay loam, undrained, 0 to 2 percent slopes, occasionally flooded. This change is to insure state wide consistency in indentifying undrained map units that are occasionally flooded.

Map unit 3162A Gorham silty clay loam, 0 to 2 percent slopes, frequently flooded was changed to 1070A Beaucoup silty clay loam, undrained, 0 to 2 percent slopes, occasionally flooded. The landform, landuse, flooding frequency, and position on the landform are better suited to the 1070A map unit.

8396A Vesser silt loam, 0 to 2 percent slopes, occasionally flooded. This map unit averages less clay in the particle size control section than is defined in the Official Series Description. This unit is not considered a taxadjunct.

#### **Approval Signatures and Date**

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