

UNITED STATES DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE

MLRA REGION 11
Indianapolis, Indiana 46278

SECOND AMENDMENT
TO THE
JUNE 1983 CLASSIFICATION AND CORRELATION
OF THE SOILS OF
RUSH COUNTY, INDIANA

MARCH 2005

This amendment results from digitizing the Rush County Soil Survey, the update of the NASIS database, and conforming to the Keys to Soil Taxonomy, 9th Edition, 2003.

AMENDMENT NO. 2

Pages 3 & 4 – Additions:

<u>Field Symbol</u>	<u>Field Map Unit Name</u>	<u>Publication Map Symbol</u>	<u>Approved Map Unit Name</u>
Omz	Orthents, earthen dam	Omz	Orthents, earthen dam
water, w	Water	W	Water

Page 6 – Replace the Symbol Legend, with the attached Indiana Official 37A for Compilation, Digitizing, and DMF, Revised June 30, 2004.

Only the following standard soil survey features will be shown on the legend and placed on the digitized soil maps:

<u>Feature</u>	<u>Name</u>	<u>Description</u>
GPI	Gravel pit	An open excavation from which soil and underlying material have been removed and used, without crushing, as a source of sand or gravel. Typically 0.2 to 2 acres.
ERO	Severely eroded spot	An area where on the average 75 percent or more of the original surface layer has been lost because of accelerated erosion. Not used in map units that are named severely eroded, very severely eroded, or gullied. Typically 0.2 to 2 acres.
MAR	Marsh or swamp	A water saturated, very poorly drained area, intermittently or permanently covered by water. Sedges, cattails, and rushes dominate marsh areas. Trees or shrubs dominate swamps. Typically 0.2 to 2 acres.

Only the following ad hoc features will be shown on the legend and placed on the digitized soil maps:

<u>Label</u>	<u>Symbol ID</u>	<u>Name</u>	<u>Description</u>
UWT	44	Unclassified water	Small, natural or man-made lake, pond, or pit that contains water, of an unspecified nature, most of the year. Typically 0.2 to 2 acres.

Page 9 – Classification of Pedons Sampled for Laboratory Analysis:

Change Approved Classification Name for the Miami Variant pedon (Sample No. S79IN139-5- (1-8) from Miami gravelly substratum to Miamian (inclusion).

Page 12 – Replace the Classification of the Soils table with the following:

Rush County, Indiana Soil Classification amended per Keys to Soil Taxonomy, 9th Edition.

(An asterisk in the first column indicates a taxadjunct to the series. See text for a description of those characteristics that are outside the range of the series.)

Soil name	Family or higher taxonomic class
Celina-----	Fine, mixed, active, mesic Aquic Hapludalfs
Crosby-----	Fine, mixed, active, mesic Aeric Epiaqualfs
Cyclone-----	Fine-silty, mixed, superactive, mesic Typic Argiaquolls
Eldean-----	Fine, mixed, superactive, mesic Typic Hapludalfs
Fincastle-----	Fine-silty, mixed, superactive, mesic Aeric Epiaqualfs
Genesee-----	Fine-loamy, mixed, superactive, mesic Fluventic Eutrudepts
Miami-----	Fine-loamy, mixed, active, mesic Oxyaquic Hapludalfs
*Miami-----	Fine-loamy, mixed, active, mesic Typic Hapludalfs
Miamian-----	Fine, mixed, active, mesic Oxyaquic Hapludalfs
*Miamian-----	Fine, mixed, active, mesic Typic Hapludalfs
Millsdale-----	Fine, mixed, active, mesic Typic Argiaquolls
Milton-----	Fine, mixed, active, mesic Typic Hapludalfs
Ockley-----	Fine-loamy, mixed, active, mesic Typic Hapludalfs
Patton-----	Fine-silty, mixed, superactive, mesic Typic Endoaquolls
Russell-----	Fine-silty, mixed, superactive, mesic Typic Hapludalfs
Shoals-----	Fine-loamy, mixed, superactive, nonacid, mesic Fluventic Endoaquepts
*Sleeth-----	Fine-silty, mixed, active, mesic Aeric Endoaqualfs
Sloan-----	Fine-loamy, mixed, superactive, mesic Fluvaquentic Endoaquolls
*Stonelick-----	Coarse-loamy, mixed, superactive, mesic Fluventic Hapludolls
Treaty-----	Fine-silty, mixed, superactive, mesic Typic Argiaquolls
Westland-----	Fine-loamy, mixed, superactive, mesic Typic Argiaquolls
Williamstown-----	Fine-loamy, mixed, active, mesic Aquic Hapludalfs
Xenia-----	Fine-silty, mixed, superactive, mesic Aquic Hapludalfs

The *Miami taxadjunct is for map units MmD, MmE MoD3 and MrA.

The *Miamian taxadjunct is for map units MpD, MpE and MuD3.

Approval Signatures

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