

UNITED STATES DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE

MLRA REGION 11
Indianapolis, Indiana 46278

FIRST AMENDMENT
TO THE
FEBRUARY 1984 CLASSIFICATION AND CORRELATION
OF THE SOILS OF
HENRY COUNTY, INDIANA

SEPTEMBER 2006

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

AMENDMENT NO. 1

Page 4 – Changes to the Soil Correlation Legend –

Change the following map unit:

	Publication <u>symbol</u>	Approved map <u>unit name</u>
From:	Ma	Martisco muck, drained
To:	Ma	Martisco muck, drained, loamy substratum

Pages 4 and 5 – Additions to the Soil Correlation Legend -

Add the following map units:

Field <u>symbols</u>	Field map <u>unit name</u>	Publication <u>symbol</u>	Approved map <u>unit name</u>
Omz	Orthents, earthen dam	Omz	Orthents, earthen dam
W	Water	W	Water
Water	Water	W	Water

The "Omz - Orthents, earthen dam" map unit is added for earthen dams more than 1.43 acres in size. These areas were labeled as large dams in the published soil survey.

The "W - Water" map unit is added for water areas more than 1.43 acres in size.

Page 8 – Replace the Conventional and Special Symbols Legend from the 1984 Correlation, with the attached Indiana Official 37A for Compilation, Digitizing, and DMF, Revised June 30, 2004.

Only the following standard landform and miscellaneous surface 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.
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.
SLP	Short, steep slope	Narrow soil area that has slopes that are at least two slope classes steeper than the slope class of the surrounding map unit.

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

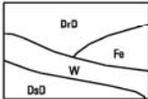
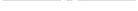
<u>Label</u>	<u>Symbol ID</u>	<u>Name</u>	<u>Description</u>
UWT	44	Unclassified water	Small, natural or man-made lake, pond, or pit that contains water, of an unspecified nature, most of the year. Typically 0.2 to 2 acres.

FEATURE AND SYMBOL LEGEND FOR SOIL SURVEY

Soil Survey Area: HENRY COUNTY

State: Indiana

Date: MAY 2005

DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL
SOIL SURVEY FEATURES		CULTURAL FEATURES (Optional)		HYDROGRAPHIC FEATURES (Optional)	
SOIL DELINEATIONS AND LABELS		BOUNDARIES		Drainage end (Indicates direction of flow)	
STANDARD LANDFORM AND MISCELLANEOUS SURFACE FEATURES		National, state or province		Unclassified stream	
Bedrock escarpment		County or parish			
Nonbedrock escarpment		Minor civil division			
Gully		Reservation (Military)			
Levee		Land grant (Optional)			
Short steep slope		Field sheet matchline and neatline			
Blowout		Public Land Survey System Section Corner Tics			
Borrow pit		GEOGRAPHIC COORDINATE TICK			
Clay spot		ROAD EMBLEMS			
Closed depression		Interstate			
Gravel pit		Federal			
Gravelly spot		State			
Landfill		LOCATED OBJECTS			
Marsh or swamp		Airport (Label only)		Davis Airport or Airstrip	
Mine or quarry					
Rock outcrop					
Sandy spot					
Severely eroded spot					
Sinkhole					
Slide or slip					
Spoil area					
Stony spot					
Very stony spot					
Wet spot					
AD HOC FEATURES (Describe on back)					
LABEL	SYMBOL ID	SYMBOL	LABEL	SYMBOL ID	SYMBOL
DCS	1		CRD	23	
DKS	2		WIA	24	
OYW	3		CGM	25	
YMS	4		HLL	26	
EAS	5			27	
WAS	6		STD	28	
SAS	7			29	
CAF	8		MUC	30	
CAL	9			31	
SLR	10			32	
DUM	11			33	
BRV	12			34	
BRW	13		MRL	35	
BRD	14			36	
OSR	15			37	
SSR	16		SAM	38	
LBR	17			39	
WDP	18		VSE	40	
SBR	19			41	
COB	20			42	
CNS	21			43	
FES	22			44	

Page 14 – Replace the Classification of the Soils table with the following:

Henry County, Indiana

Taxonomic Classification of the Soils

(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
Aquents-----	Aquents
Celina-----	Fine, mixed, active, mesic Aquic Hapludalfs
Crosby-----	Fine, mixed, active, mesic Aeric Epiaqualfs
*Cyclone-----	Fine-silty, mixed, superactive, mesic Typic Endoaquolls
Eldean-----	Fine, mixed, superactive, mesic Typic Hapludalfs
Genesee-----	Fine-loamy, mixed, superactive, mesic Fluventic Eutrudepts
Landes-----	Coarse-loamy, mixed, superactive, mesic Fluventic Hapludolls
Losantville-----	Clayey, mixed, active, mesic, shallow Oxyaquic Hapludalfs
Martisco-----	Fine-silty, carbonatic, mesic Histic Humaquepts
*Miami-----	Fine-loamy, mixed, active, mesic Typic Hapludalfs
Miamian-----	Fine, mixed, active, mesic Oxyaquic Hapludalfs
*Millgrove-----	Fine-loamy, mixed, superactive, mesic Typic Endoaquolls
Orthents-----	Orthents
Shoals-----	Fine-loamy, mixed, superactive, nonacid, mesic Fluventic Endoaquepts
Sleeth-----	Fine-loamy, mixed, active, mesic Aeric Endoaqualfs
Sloan-----	Fine-loamy, mixed, superactive, mesic Fluvaquentic Endoaquolls
Treaty-----	Fine-silty, mixed, superactive, mesic Typic Argiaquolls
*Washtenaw-----	Fine-loamy, mixed, active, nonacid, mesic Typic Fluvaquents
Westland-----	Fine-loamy, mixed, superactive, mesic Typic Argiaquolls

Approval Signatures

 TRAVIS NEELY
 State Soil Scientist/MLRA Leader
 Indianapolis, Indiana

 Date

 JANE E. HARDISTY
 State Conservationist
 Indianapolis, Indiana

 Date