

**UNITED STATES DEPARTMENT OF AGRICULTURE  
NATURAL RESOURCES CONSERVATION SERVICE**

**FIRST AMENDMENT  
TO THE  
JUNE 1971 CLASSIFICATION AND CORRELATION  
OF THE SOILS OF  
HENDRICKS COUNTY, INDIANA**

**SEPTEMBER 2006**

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

**AMENDMENT NO. 1**

**Pages 3 and 4 – Changes:**

For map unit Gs, change the approved map unit name:

From – Genesee sandy loam, sandy variant

To – Genesee sandy loam, sandy substratum

For map unit Mc, change the approved map unit name:

From – Mahalassville silty clay loam, clayey subsoil variant

To – Mahalassville silty clay loam, clayey subsoil

**Pages 5 and 6, Soil Correlation – Add the following map units:**

<u>Field symbols</u>	<u>Field map unit name</u>	<u>Publication symbol</u>	<u>Approved map unit name</u>
G. P.	Gravel pit	Pmg	Pits, gravel
Gravel Pit	Gravel pit	Pmg	Pits, gravel
w	Water	W	Water
water	Water	W	Water

**Pages 7 to 9 –** Replace the Signs and Symbols Legend, dated June 15, 1971, 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>
ESO	Escarpment, nonbedrock	A relatively continuous and steep slope or cliff, which generally is produced by erosion but can be produced by faulting, that breaks the continuity of more gently sloping land surfaces. Exposed earthy material is nonsoil or very shallow soil.
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.

<u>Feature</u>	<u>Name</u>	<u>Description</u>
LVS	Levee	An embankment that confines or controls water, especially one built along the banks of a river to prevent overflow of lowlands.
SAN	Sandy Spot	A spot where the surface layer is loamy fine sand or coarser in areas where the surface layer of the named soils in the surrounding map unit is very fine sandy loam or finer. 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.
WET	Wet spot	A somewhat poorly drained to very poorly drained area that is at least two drainage classes wetter than the named soils in the surrounding map unit. 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>
MUC	30	Muck spot	An area within a poorly drained or very poorly drained soil that has a histic epipedon or where the surface is organic. The spot symbol is used only in map units consisting of mineral soil. Typically 0.2 to 2 acres.
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 10 – Notes to Accompany Classification and Correlation** – Add the following:

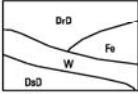
Genesee Series, sandy variant

For map unit Gs, the approved map unit name is changed from “Genesee sandy loam, sandy variant” to “Genesee sandy loam, sandy substratum”. With this amendment, the component kind is changed from a variant to a taxadjunct.

Mahalaville Series, clayey subsoil variant

For map unit Mc, the approved map unit name is changed from “Mahalaville silty clay loam, clayey subsoil variant” to “Mahalaville silty clay loam, clayey subsoil”. With this amendment, the component kind is changed from a variant to a taxadjunct.

## FEATURE AND SYMBOL LEGEND FOR SOIL SURVEY

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

**Page 11-- Replace the Classification of the Soils** table with the following, amended per Keys to Soil Taxonomy 9<sup>th</sup> edition:

Hendricks County, Indiana  
 Taxonomic Classification of the Soils

(An asterisk in the first column indicates a taxadjunct to the series.)

Soil name	Family or higher taxonomic class
Brookston-----	Fine-loamy, mixed, superactive, mesic Typic Argiaquolls
Crosby-----	Fine, mixed, active, mesic Aeric Epiaqualfs
Fincastle-----	Fine-silty, mixed, superactive, mesic Aeric Epiaqualfs
Fox-----	Fine-loamy over sandy or sandy-skeletal, mixed, superactive, mesic Typic   Hapludalfs
Genesee-----	Fine-loamy, mixed, superactive, mesic Fluventic Eutrudepts
*Genesee-----	Coarse-loamy over sandy or sandy-skeletal, mixed, superactive, mesic   Fluventic Eutrudepts
Hennepin-----	Fine-loamy, mixed, active, mesic Typic Eutrudepts
*Mahalasville-----	Fine, mixed, superactive, mesic Typic Endoaquolls
Martinsville-----	Fine-loamy, mixed, active, mesic Typic Hapludalfs
Miami-----	Fine-loamy, mixed, active, mesic Oxyaquic Hapludalfs
*Miami-----	Fine-loamy, mixed, active, mesic Typic Hapludalfs
Ockley-----	Fine-loamy, mixed, active, mesic Typic Hapludalfs
Ragsdale-----	Fine-silty, mixed, superactive, mesic Typic Argiaquolls
Rensselaer-----	Fine-loamy, mixed, superactive, mesic Typic Argiaquolls
Russell-----	Fine-silty, mixed, superactive, mesic Typic Hapludalfs
Shoals-----	Fine-loamy, mixed, superactive, nonacid, mesic Fluventic Endoaquepts
Whitaker-----	Fine-loamy, mixed, active, mesic Aeric Endoaqualfs
Xenia-----	Fine-silty, mixed, superactive, mesic Aquic Hapludalfs

\*Genesee taxadjunct is for map unit Gs - Genesee sandy loam, sandy substratum

\*Miami taxadjunct is for map unit MmE2 - Miami silt loam, 18 to 25 percent slopes, eroded

**Approval Signatures and Date**

\_\_\_\_\_  
 TRAVIS NEELY  
 State Soil Scientist/MLRA Leader  
 Indianapolis, Indiana

\_\_\_\_\_  
 Date

\_\_\_\_\_  
 JANE E. HARDISTY  
 State Conservationist  
 Indianapolis, Indiana

\_\_\_\_\_  
 Date

