

UNITED STATES DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE

MLRA REGION 11
Indianapolis, Indiana 46278

SECOND AMENDMENT
TO THE
OCTOBER 1982 CLASSIFICATION AND CORRELATION
OF THE SOILS OF
RIPLEY COUNTY AND PART OF JENNINGS COUNTY, INDIANA
SEPTEMBER 2006

This amendment results from digitizing the Ripley County Soil Survey, the update of the NASIS database, and conforming to the Keys to Soil Taxonomy, 9th Edition, 2003. Note that the part of Jennings County originally included in this correlation is now included with the Jennings County Soil Survey and is no longer a part of this correlation.

AMENDMENT NO. 2

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

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>
Omz	Orthents, earthen dam	Omz	Orthents, earthen dam
W	Water	W	Water
W	Water <40acres	W	Water
W4	Water >40 acres	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 7 – Replace the Conventional and Special Symbols Legend from the 1980 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>
ESB	Escarpment, bedrock	A relatively continuous and steep slope or cliff, which was produced by erosion or faulting, that breaks the general continuity of more gently sloping land surfaces. Exposed material is hard or soft bedrock.
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.

<u>Feature</u>	<u>Name</u>	<u>Description</u>
GRA	Gravelly spot	A spot where the surface layer has more than 35 percent, by volume, rock fragments that are mostly less than 3 inches in diameter in an area with less than 15 percent fragments. Typically 0.2 to 2 acres.
ROC	Rock outcrop	An exposure of bedrock at the surface of the earth. Not used where the named soils of the surrounding map unit are shallow over bedrock or where "Rock outcrop" is a named component of the map unit. Typically 0.2 to 2 acres.
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.
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.
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:

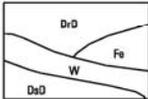
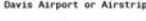
<u>Label</u>	<u>Symbol ID</u>	<u>Name</u>	<u>Description</u>
CAF	8	Cut and fill	An area where soil material has been excavated in one place and deposited as compacted fill in an adjacent place, as in the construction of a road or other structure. Typically 0.2 to 5 acres.
UWT	44	Unclassified water	Small, 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.

FEATURE AND SYMBOL LEGEND FOR SOIL SURVEY

Soil Survey Area: RIPLEY COUNTY

State: Indiana

Date: SEPTEMBER 2006

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)			
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		COM	25	
YMS	4		HIL	26	
EAS	5		77	27	
WAS	6		STD	28	
SAS	7		29	29	
CAP	8		MUC	30	
CAL	9		31	31	
SLR	10		32	32	
DUM	11		33	33	
BRV	12		34	34	
BRW	13		MRL	35	
BRD	14		36	36	
OSR	15		37	37	
SSR	16		SAM	38	
LSR	17		39	39	
WDP	18		VSE	40	
SBR	19		41	41	
COB	20		42	42	
CNS	21		43	43	
FES	22		WVI	44	

Page 14 – Replace the Classification of the Soils table with the following:
 Ripley 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
Algiers-----	Fine-loamy, mixed, superactive, nonacid, mesic Aquic Udifluvents
Avonburg-----	Fine-silty, mixed, active, mesic Aeric Fragic Glossaqualfs
*Bartle-----	Fine-silty, mixed, active, mesic Aeric Fragic Epiaqualfs
Bonnell-----	Fine, mixed, active, mesic Typic Hapludalfs
Carmel-----	Fine, vermiculitic, mesic Chromic Vertic Hapludalfs
Cincinnati-----	Fine-silty, mixed, active, mesic Oxyaquic Fragiudalfs
Cobbsfork-----	Fine-silty, mixed, active, mesic Fragic Glossaqualfs
*Dearborn-----	Loamy-skeletal, mixed, superactive, mesic Fluventic Eutrudepts
Eden-----	Fine, mixed, active, mesic Typic Hapludalfs
Elkinsville-----	Fine-silty, mixed, active, mesic Ultic Hapludalfs
*Grayford-----	Fine-loamy, mixed, active, mesic Typic Paleudults
Haymond-----	Coarse-silty, mixed, superactive, mesic Dystric Fluventic Eutrudepts
Hickory-----	Fine-loamy, mixed, active, mesic Typic Hapludalfs
Holton-----	Coarse-loamy, mixed, active, nonacid, mesic Aeric Endoaquepts
Lobdell-----	Fine-loamy, mixed, active, mesic Fluvaquentic Eutrudepts
Nolin-----	Fine-silty, mixed, active, mesic Dystric Fluventic Eutrudepts
Orthents-----	Orthents
*Pekin-----	Fine-silty, mixed, active, mesic Aquic Fragiudalfs
*Rossmoyne-----	Fine-silty, mixed, active, mesic Aquic Fragiudalfs
Ryker-----	Fine-silty, mixed, active, mesic Typic Paleudalfs
Stonelick-----	Coarse-loamy, mixed, superactive, calcareous, mesic Typic Udifluvents
Switzerland-----	Fine-silty over clayey, mixed, superactive, mesic Oxyaquic Hapludalfs
Wakeland-----	Coarse-silty, mixed, superactive, nonacid, mesic Aeric Fluvaquents
Wirt-----	Coarse-loamy, mixed, superactive, mesic Dystric Fluventic Eutrudepts

RIPLEY COUNTY, INDIANA AMENDMENT NO. 2

Approval Signatures

TRAVIS NEELY
State Soil Scientist/MLRA Leader
Indianapolis, Indiana

Date

JANE E. HARDISTY
State Conservationist
Indianapolis, Indiana

Date