UNITED STATES DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE
MLRA REGION 11
Indianapolis, Indiana 46278

FIRST AMENDMENT to the AUGUST 1980 CLASSIFICATION AND CORRELATION of the SOILS of HUNTINGTON COUNTY, INDIANA

FEBRUARY 2006

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

AMENDMENT NO. 1

Pages 2 and 3 – Changes:
For map unit ApA, change the approved mapping unit name:
From – Aptakisic silt loam
To – Aptakisic silt loam, 0 to 2 percent slopes

For map unit HcA, change the approved mapping unit name:
From – Haskins Variant fine sandy loam, 1 to 4 percent slopes
To – Haskins fine sandy loam, 1 to 4 percent slopes

For map unit RgB, change the approved mapping unit name:
From – Rawson Variant fine sandy loam, 2 to 6 percent slopes
To – Rawson fine sandy loam, 2 to 6 percent slopes

For map unit RgC, change the approved mapping unit name:
From – Rawson Variant fine sandy loam, 6 to 12 percent slopes
To – Rawson fine sandy loam, 6 to 12 percent slopes

Pages 3 and 4 – Additions:
-Map Unit Symbol and Name: W - Water
Add the map unit symbol name "W - Water" for water areas more than 1.43 acres in size.

-Map Unit Symbol and Name: Omz – Orthents, earthen dam
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.

Page 6 – Replace the 37A dated 3/80, with the attached Indiana Official 37A for Compilation, Digitizing, and DMF, Revised June 30, 2004.

Indiana Official 37A For
Compilation, Digitizing, and DMF
Revised June 30, 2004

Soil Survey Area: HUNTINGTON COUNTY

State: Indiana

FEATURE AND SYMBOL LEGEND FOR SOIL SURVEY

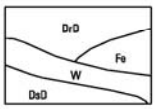
U.S. DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE

Date: JANUARY 2006

DESCRIPTION	SYMBOL

SOIL SURVEY FEATURES

SOIL DELINEATIONS AND LABELS



STANDARD LANDFORM AND MISCELLANEOUS SURFACE FEATURES

- Bedrock escarpment
- Nonbedrock escarpment
- Gully
- Levee
- Short steep slope
- Blowout
- Borrow pit
- Clay spot
- Closed depression
- Gravel pit
- Gravelly spot
- Landfill
- Marsh or swamp
- 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		CRO	23	
DKS	2		MIA	24	
OVW	3		CGM	25	
VWS	4		HIL	26	
EAS	5			27	
WAS	6		SID	28	
SAS	7			29	
CAF	8		WUC	30	
CAL	9			31	
SLR	10			32	
DUM	11			33	
BRV	12			34	
BRM	13		MRL	35	
BRD	14			36	
OBR	15			37	
SSR	16		SAM	38	
LBR	17			39	
WDP	18		VSE	40	
SBR	19			41	
COB	20			42	
CNS	21			43	
FES	22		UNT	44	

DESCRIPTION	SYMBOL

CULTURAL FEATURES (Optional)

BOUNDARIES

- National, state or province
- County or parish
- Minor civil division
- Reservation (Military)
- Land grant (Optional)
- Field sheet matchline and neatline
- Public Land Survey System Section Corner Tics

GEOGRAPHIC COORDINATE TICK

ROAD EMBLEMS

- Interstate
- Federal
- State

LOCATED OBJECTS

Airport (Label only) — Davis Airport or Airstrip

DESCRIPTION	SYMBOL

HYDROGRAPHIC FEATURES (Optional)

- Drainage end (indicates direction of flow)
- Unclassified stream

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

Feature	Name	Description
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.
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.
MPI	Mine or quarry	An open excavation from which soil and underlying material are removed and bedrock is exposed. Also denotes surface openings to underground mines. 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.
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.
STN	Stony spot	A spot where 0.01 to 0.1 percent of the surface cover is rock fragments that are greater than 10 inches in diameter in areas where the surrounding soil has no surface stones. Typically 0.2 to 2 acres.
STV	Very stony spot	A spot where 0.1 to 3 percent of the surface cover is rock fragments that are greater than 10 inches in diameter where the surrounding soil has less than 0.01 percent of surface cover of stones. 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:

Label	Symbol_ID	Name	Description
WDP	18	Wet depression	A shallow, concave area within poorly or very poorly drained soils that ponds water for intermittent periods and is saturated for appreciably longer periods of time than the surrounding soil. Typically 0.2 to 2 acres.
SAM	38	Small dam	Small, earthen dam. 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 7 – Prime Farmland Map Units:
For map unit HcA, change the approved mapping unit name:
From – Haskins Variant fine sandy loam, 1 to 4 percent slopes
To – Haskins fine sandy loam, 1 to 4 percent slopes

For map unit RgB, change the approved mapping unit name:
From – Rawson Variant fine sandy loam, 2 to 6 percent slopes
To – Rawson fine sandy loam, 2 to 6 percent slopes

Page 9 – Classification of Pedons Sampled for Laboratory Analysis:
For map unit HcA, change the approved classification name:
From – Haskins Variant
To – Haskins

For map unit RgB, change the approved classification name:
From – Rawson Variant
To – Rawson taxadjunct

Pages 10 and 11 – Notes to Accompany Classification and Correlation – Add the following:

Haskins Series – The Haskins soils were correlated in 1980 as Haskins Variant because the 2B and 2C horizons formed in till contain less than 35 percent clay. However, since then the range for clay in these horizons has been lowered to 27 percent for the Haskins series. With this change in the Haskins Series, the soils in Huntington County are no longer considered to be a variant.

Randolph Series – The Randolph soils are considered to be a taxadjunct to the Randolph Series per this amendment because the cation-exchange activity class is “superactive” instead of “active”.

Rawson Series – The Rawson soils were correlated in 1980 as Rawson Variant because the 2B and 2C horizons formed in till contain less than 35 percent clay. However, since then the range for clay in these horizons has been lowered to 27 percent for the Rawson series. With this change in the Rawson Series, the soils in Huntington County are no longer considered to be a variant, but they are considered to be taxadjuncts because the particle-size control section is “coarse-loamy” instead of “fine-loamy”.

Page 12 – Replace the Classification of the Soils table with the following:
Huntington 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
Aptakisic	Fine-silty, mixed, superactive, mesic Aeric Endoaqualfs
Blount	Fine, illitic, mesic Aeric Epiaqualfs
Chelsea	Mixed, mesic Lamellic Udipsamments
Eel	Fine-loamy, mixed, superactive, mesic Fluvaquentic Eutrudepts
Fox	Fine-loamy over sandy or sandy-skeletal, mixed, superactive, mesic Typic Hapludalfs
Genesee	Fine-loamy, mixed, superactive, mesic Fluventic Eutrudepts
Glynwood	Fine, illitic, mesic Aquic Hapludalfs
Haskins	Fine-loamy, mixed, active, mesic Aeric Epiaqualfs
Hennepin	Fine-loamy, mixed, active, mesic Typic Eutrudepts
Houghton	Euic, mesic Typic Haplosaprists
*Martinsville	Fine-loamy, mixed, active, mesic Ultic Hapludalfs
Millsdale	Fine, mixed, active, mesic Typic Argiaquolls
Milton	Fine, mixed, active, mesic Typic Hapludalfs
Morley	Fine, illitic, mesic Oxyaquic Hapludalfs
*Morley	Fine, illitic, mesic Typic Hapludalfs
*Ockley	Coarse-loamy, mixed, superactive, mesic Dystric Eutrudepts
Patton	Fine-silty, mixed, superactive, mesic Typic Endoaquolls
*Patton	Fine-silty, mixed, superactive, mesic Mollic Endoaquepts
*Pewamo	Fine, mixed, superactive, mesic Typic Endoaquolls
*Randolph	Fine, mixed, superactive, mesic Aeric Endoaqualfs
*Rawson	Coarse-loamy, mixed, superactive, mesic Oxyaquic Hapludalfs
Rensselaer	Fine-loamy, mixed, superactive, mesic Typic Argiaquolls
Shoals	Fine-loamy, mixed, superactive, nonacid, mesic Fluventic Endoaquepts
Sloan	Fine-loamy, mixed, superactive, mesic Fluvaquentic Endoaquolls
Udorthents, loamy	Udorthents
Whitaker	Fine-loamy, mixed, active, mesic Aeric Endoaqualfs

*Morley taxadjunct is for map unit MxE2
*Patton taxadjunct is for map unit Pa

Approval Signatures

_____	_____	_____	_____
TRAVIS NEELY	Date	JANE E. HARDISTY	Date
State Soil Scientist/MLRA Leader		State Conservationist	
Indianapolis, Indiana		Indianapolis, Indiana	