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

SECOND AMENDMENT TO THE 1984 CLASSIFICATION AND CORRELATION OF THE SOILS OF FULTON COUNTY, INDIANA

JULY 2005

This amendment results from recertifying the SSURGO data of the Fulton County Soil Survey, the update of the NASIS database, and conforming to the Keys to Soil Taxonomy, 9th Edition, 2003.

AMENDMENT NO. 2

Page 4 - Add the map unit symbol name "Usl – Udorthents, rubbish" for landfills that are more than 1.43 acres in size.

Page 7 – Replace the 37A dated June 28, 2001, 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:

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 usedin map units with component phases 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.
MAR	Marsh or swamp	A water-saturated, very poorly drained area, intermittently or permanently covered by water. Marsh areas are dominantly vegetated by sedges, cattails, and rushes. Swamps are dominantly vegetated by trees or shrubs. Typically 0.2 to 2 acres.

Feature	Name	Description
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.
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:

Label	Symbol_ID	Name	Description
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.
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.

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

FEATURE AND SYMBOL LEGEND FOR SOIL SURVEY

U.S. DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE

Soil Survey Area: Fulton County

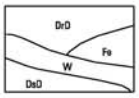
State: Indiana

Date: _____

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
OCS	1		CRO	23	
OKS	2		MIA	24	
OVW	3		CGM	25	
VWS	4		HIL	26	
EAS	5			27	
WAS	6		SID	28	
SAS	7			29	
CAF	8		MUC	30	
CAL	9			31	
SLR	10			32	
DUM	11			33	
BRV	12			34	
BRM	13		MRL	35	
BRO	14			36	
OBR	15			37	
SSH	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

Pages 14 & 15 –Replace the Classification of the Soils table with the following amended per Soil Taxonomy 9th edition. (An asterisk in the first column indicates a taxadjunct to the series.)

Soil name	Family or higher taxonomic class
Adrian	Sandy or sandy-skeletal, mixed, euic, mesic Terric Haplosaprists
Algansee	Mixed, mesic Aquic Udipsamments
Barry	Fine-loamy, mixed, superactive, mesic Typic Argiaquolls
Blount	Fine, illitic, mesic Aeric Epiaqualfs
Brady	Coarse-loamy, mixed, active, mesic Aquollic Hapludalfs
*Branch	Loamy, mixed, active, mesic Aquic Arenic Hapludalfs
Brems	Mixed, mesic Aquic Udipsamments
Chelsea	Mixed, mesic Lamellic Udipsamments
Cohoctah	Coarse-loamy, mixed, active, mesic Fluvaquentic Endoaquolls
Crosier	Fine-loamy, mixed, active, mesic Aeric Epiaqualfs
Edwards	Marly, euic, mesic Limnic Haplosaprists
Gilford	Coarse-loamy, mixed, superactive, mesic Typic Endoaquolls
Homer	Fine-loamy over sandy or sandy-skeletal, mixed, active, mesic Aeric Endoaqualfs
Houghton	Euic, mesic Typic Haplosaprists
Kosciusko	Fine-loamy, mixed, active, mesic Typic Hapludalfs
Markton	Loamy, mixed, active, mesic Aquic Arenic Hapludalfs
Metea	Loamy, mixed, active, mesic Arenic Hapludalfs
Morley	Fine, illitic, mesic Oxyaquic Hapludalfs
Morocco	Mixed, mesic Aquic Udipsamments
Muskego	Coprogenous, euic, mesic Limnic Haplosaprists
Newton	Sandy, mixed, mesic Typic Humaquepts
Ormas	Loamy, mixed, active, mesic Arenic Hapludalfs
Pewamo	Fine, mixed, active, mesic Typic Argiaquolls
Plainfield	Mixed, mesic Typic Udipsamments
Riddles	Fine-loamy, mixed, active, mesic Typic Hapludalfs
Sebewa	Fine-loamy over sandy or sandy-skeletal, mixed, superactive, mesic Typic Argiaquolls
*Wallkill	Fine-loamy, mixed, superactive, mesic Thapto-Histic Endoaquolls
*Washtenaw	Coarse-loamy, mixed, active, nonacid, mesic Aquic Udifluvents
Wawasee	Fine-loamy, mixed, active, mesic Typic Hapludalfs

Approval Signatures

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