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Third Amendment of the Classification and Correlation of the Soils of Owen County, Indiana

This third amendment was prepared by Gary R. Struben, Soil Data Quality Specialist, MLRA Region 11, Indianapolis, Indiana and Byron G. Nagel, MLRA Project Leader, North Vernon, Indiana.

Pages 2-15, Change the publication symbols and approved map unit names of the following map units:

Field symbol- BdxAH
Field map unit name- Belknap silt loam, 0 to 2 percent slopes, frequently flooded, brief duration
Publication symbol- BdxAV
Approved map unit name- Belknap silt loam, 0 to 2 percent slopes, frequently flooded, very brief duration

Field symbol- BodAH
Field map unit name- Bonnie silt loam, 0 to 1 percent slopes, frequently flooded, very brief duration
Publication symbol- BodAV
Approved map unit name- Bonnie silt loam, 0 to 1 percent slopes, frequently flooded, very brief duration

Field symbol- HleAH
Field map unit name- Holton silt loam, 0 to 2 percent slopes, frequently flooded, very brief duration
Publication symbol- HleAV
Approved map unit name- Holton silt loam, 0 to 2 percent slopes, frequently flooded, very brief duration

Field symbol- OfaAH
Field map unit name- Oldenburg silt loam, 0 to 2 percent slopes, frequently flooded, very brief duration
Publication symbol- OfaAV
Approved map unit name- Oldenburg silt loam, 0 to 2 percent slopes, frequently flooded, very brief duration

Field symbol- OfcAH
Field map unit name- Oldenburg fine sandy loam, 0 to 2 percent slopes, sandy substratum, frequently flooded, very brief duration
Publication symbol- OfcAV
Approved map unit name- Oldenburg fine sandy loam, sandy substratum, 0 to 2 percent slopes, frequently flooded, very brief duration

Field symbol- PlcAH
Field map unit name- Piankeshaw silt loam, 0 to 2 percent slopes, frequently flooded, very brief duration
Publication symbol- PlcAV
Approved map unit name- Piankeshaw silt loam, 0 to 2 percent slopes, frequently flooded, very brief duration

Field symbol- Pml
Field map unit name- Pits, quarries
Publication symbol- Pml
Approved map unit name- Pits, quarry

Field symbol- PrwAH
Field map unit name- Pope fine sandy loam, 0 to 2 percent slopes, frequently flooded, very brief duration
Publication symbol- PrwAV
Approved map unit name- Pope fine sandy loam, 0 to 2 percent slopes, frequently flooded, very brief duration

Field symbol- StaAH
Field map unit name- Steff silt loam, 0 to 2 percent slopes, frequently flooded, very brief duration
Publication symbol- StaAV
Approved map unit name- Steff silt loam, 0 to 2 percent slopes, frequently flooded, very brief duration

Field symbol- TakB
Field map unit name- Tapawingo and Nawakwa silt loams, 2 to 8 percent slopes
Publication symbol- TahB
Approved map unit name- Tapawingo and Nawakwa silt loams, 2 to 8 percent slopes

Field symbol- WpuAH
Field map unit name- Wirt silt loam, 0 to 2 percent slopes, frequently flooded, very brief duration
Publication symbol- WpuAV
Approved map unit name- Wirt silt loam, 0 to 2 percent slopes, frequently flooded, very brief duration

Page 17, **Explanation of Map Unit Symbol Characters in the Indiana Statewide Legend**

Change the definition of the fifth character “H” as follows:
H-frequently flooded, brief duration
Add the definition of the fifth character “V” as follows:
V-frequently flooded, very brief duration

Page 18, make the following changes in the Conventional and Special Symbols Legend:

Conventional and Special Symbols Legend
Delete the following symbols:
Small airport or airfield boundary.
Cemetery label and boundary.
State Coordinate Tick.
Other roads.
County, farm or ranch road emblems.
Railroad.
Large dams.
Medium or small dams.
Church.
School.

Change the following:
Perennial, single line and intermittent streams to Unclassified, single line, streams.
Perennial and Intermittent drainage and/or irrigation ditches to Unclassified drainage and/or irrigation ditches.
Perennial water to unclassified water (Ad Hoc Symbol ID 44).

Add the following:
Unclassified water (Ad Hoc Symbol ID 44)

Page 19-20, Add the following:
DEFINITIONS OF SPECIAL FEATURES

Feature	Name	Description
UWT	Unclassified water	Small, natural or man-made lake, pond, or pit that contains water, of an unspecified nature, most of the year

Page 21-23, Change the Publication symbols for the following soil map units on the **Conversion Legend**.

Field Symbol	Publication symbol
BdxAH	BdxAV
BodAH	BodAV
HleAH	HleAV
OfaAH	OfeAV
OfcAH	OfcAV
PlcAH	PlcAV
PrwAH	PrwAV
StaAH	StaAV
TakB	TahB
WpuAH	WpuAV

Page 26-30, Notes to Accompany Classification and Correlation of the Soils of Owen County, Indiana

Belknap Series- The Belknap series has been reclassified as “Coarse-silty, mixed, active, acid, mesic Fluvaquentic Endoaquepts“ and thus is no longer a taxadjunct.

Wilhite Series- The Wilhite series has been reclassified as “Fine, mixed, active, nonacid, mesic Fluvaquentic Endoaquepts“ and thus is no longer a taxadjunct.

Page 31-32, Replace the Classification of the Soils for the Soil Survey of Owen County, Indiana with the following:

CLASSIFICATION OF THE SOILS
(An asterisk in the first column indicates that some or all map units of the soil are a taxadjunct to the series. See text for a description of those characteristics that are outside the range of the series in the Correlation Document, April 1997, pages 26 to 30.) Soil Taxonomy, 2nd edition 1999, AH-436.

Soil name	Family or higher taxonomic class
Adrian	Sandy or sandy-skeletal, mixed, euic, mesic Terric Haplosaprists
Adyeville	Coarse-loamy, mixed, semiactive, mesic Typic Hapludults
Alvin	Coarse-loamy, mixed, superactive, mesic Typic Hapludalfs
Armiesburg	Fine-silty, mixed, superactive, mesic Fluventic Hapludolls
Arney	Fine-silty, mixed, active, mesic Aquultic Hapludalfs
Ava	Fine-silty, mixed, superactive, mesic Oxyaquic Fragiudalfs
Ayrshire	Fine-loamy, mixed, active, mesic Aeric Endoaqualfs
Belknap	Coarse-silty, mixed, active, acid, mesic Fluvaquentic Endoaquepts
Birds	Fine-silty, mixed, superactive, nonacid, mesic Typic Fluvaquents
Bloomfield	Sandy, mixed, mesic Lamellic Hapludalfs
Bonnie	Fine-silty, mixed, active, acid, mesic Typic Fluvaquents
Caneyville	Fine, mixed, active, mesic Typic Hapludalfs
Chetwynd	Fine-loamy, mixed, semiactive, mesic Typic Hapludults
*Cincinnati	Fine-silty, mixed, active, mesic Oxyaquic Fragiudalfs
Corydon	Clayey, mixed, superactive, mesic Lithic Argiudolls
Crider	Fine-silty, mixed, active, mesic Typic Paleudalfs
*Dubois	Fine-silty, mixed, active, mesic Aeric Fragiaqualfs
Ebal	Fine, mixed, active, mesic Oxyaquic Hapludalfs
Elston	Coarse-loamy, mixed, active, mesic Typic Argiudolls
Gallimore	Coarse-loamy, mixed, active, mesic Typic Dystrudepts

Classification of the Soils of Owen County, IN--Continued

Soil name	Family or higher taxonomic class
Gessie	Fine-loamy, mixed, superactive, mesic Fluventic Eutrudepts
*Grayford	Fine-loamy, mixed, active, mesic Ultic Hapludalfs
Greybrook	Fine-loamy, mixed, active, mesic Typic Hapludalfs
Haggatt	Fine, mixed, active, mesic Typic Hapludalfs
*Haubstadt	Fine-silty, mixed, active, mesic Aquic Fragiudalfs
Haymond	Coarse-silty, mixed, superactive, mesic Dystric Fluventic Eutrudepts
Hickory	Fine-loamy, mixed, active, mesic Typic Hapludalfs
Hollybrook	Fine-loamy, mixed, active, nonacid, mesic Alfic Udarents
Holton	Coarse-loamy, mixed, active, nonacid, mesic Aeric Endoaquepts
Hoosierville	Fine-silty, mixed, superactive, mesic Typic Epiaqualfs
Lieber	Fine-silty, mixed, active, mesic Aeric Epiaqualfs
Martinsville	Fine-loamy, mixed, active, mesic Typic Hapludalfs
McAdoo	Fine-silty, mixed, superactive, mesic Fluventic Eutrudepts
McGary	Fine, mixed, active, mesic Aeric Epiaqualfs
Minnehaha	Fine-loamy, mixed, active, nonacid, mesic Alfic Udarents
Montgomery	Fine, mixed, active, mesic Vertic Endoaquolls
Moundhaven	Sandy, mixed, mesic Typic Udifluvents
Nawakwa	Fine-loamy, mixed, active, nonacid, mesic Typic Udorthents
*Newark	Fine-silty, mixed, active, nonacid, mesic Aeric Fluvaquents
Oldenburg	Coarse-loamy, mixed, active, mesic Fluvaquentic Eutrudepts
Olephant	Fine-silty, mixed, active, mesic Ultic Hapludalfs
*Otwell	Fine-silty, mixed, active, mesic Oxyaquic Fragiudalfs
Parke	Fine-silty, mixed, active, mesic Ultic Hapludalfs
Patricksburg	Fine-silty, mixed, active, mesic Aeric Fragiaqualfs
*Pekin	Fine-silty, mixed, active, mesic Aquic Fragiudults
Peoga	Fine-silty, mixed, superactive, mesic Fragic Epiaqualfs
Piankeshaw	Fine-loamy, mixed, active, mesic Dystric Fluventic Eutrudepts
Pike	Fine-silty, mixed, active, mesic Ultic Hapludalfs
Pope	Coarse-loamy, mixed, active, mesic Fluventic Dystrudepts
Potawatomi	Fine-silty, mixed, active, mesic Fragiaquic Hapludalfs
Pottersville	Fine-silty, mixed, active, mesic Typic Hapludalfs
Princeton	Fine-loamy, mixed, active, mesic Typic Hapludalfs
Romona	Fine, mixed, superactive, mesic Typic Argiudolls
Ryker	Fine-silty, mixed, active, mesic Typic Paleudalfs
Shakamak	Fine-silty, mixed, active, mesic Aquic Fragiudalfs
Shircliff	Fine, mixed, active, mesic Oxyaquic Hapludalfs
*Solsberry	Fine-silty, mixed, active, mesic Oxyaquic Fragiudalfs
*Steff	Fine-silty, mixed, active, mesic Fluvaquentic Dystrudepts
Stendal	Fine-silty, mixed, active, acid, mesic Fluvaquentic Endoaquepts
Stinesville	Fine-silty, mixed, active, mesic Typic Paleudalfs
Stonelick	Coarse-loamy, mixed, superactive, calcareous, mesic Typic Udifluvents
Stubenville	Fine-silty, mixed, active, mesic Typic Hapludalfs
Taggart	Fine-silty, mixed, active, mesic Aeric Epiaqualfs
Tapawingo	Fine-loamy, mixed, active, nonacid, mesic Typic Udorthents
Tipsaw	Coarse-loamy, mixed, semiactive, mesic Typic Dystrudepts
Tulip	Fine-loamy, mixed, active, mesic Oxyaquic Hapludults
Udorthents	Loamy, mixed, mesic Udorthents
Vigo	Fine-silty, mixed, superactive, mesic Aeric Glossaqualfs
Wea	Fine-loamy, mixed, active, mesic Typic Argiudolls
*Wellston	Fine-silty, mixed, active, mesic Ultic Hapludalfs

Classification of the Soils of Owen County, IN--Continued

Soil name	Family or higher taxonomic class
Whitaker	Fine-loamy, mixed, active, mesic Aeric Endoaqualfs
Wilbur	Coarse-silty, mixed, superactive, mesic Fluvaquentic Eutrudepts
Wilhite	Fine, mixed, active, nonacid, mesic Fluvaquentic Endoaquepts
Wirt	Coarse-loamy, mixed, superactive, mesic Dystric Fluventic Eutrudepts
Zanesville, soft bedrock substratum	Fine-silty, mixed, active, mesic Oxyaquic Fragiudalfs

Pages 33-38, Change the following map unit symbols and names as accepted in joining for Clay, Greene, Monroe and Morgan Counties:
From-BdxAH, To-BdxAV (pages 33 & 35)
From-HleAH, To-HleAV (pages 33 & 38)
From-OfaAH, To-OfaAV (page 34)
From-PlcAH, To-PlcAV (page 37)
From-StaAH, To-StaAV (page 34)
From-WpuAH, To-WpuAV (pages 34, 35 & 36)
From-Pits, quarries, To-Pits, quarry (page 35)
From-Haymond silt loam, sinkhole, 0 to 2 percent slopes, occasionally flooded, very brief duration, To-Haymond silt loam, sinkhole, 0 to 2 percent slopes (page 37)

Approval Signatures and Date

Travis Neely Soil Survey Area 11 Team Leader Indianapolis, Indiana	Date	Jane E. Hardisty State Conservationist Indianapolis, Indiana	Date