

UNITED STATES DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE

MLRA REGION 11
Indianapolis, Indiana 46278

SIXTH AMENDMENT to the
SEPTEMBER 1985 CLASSIFICATION AND CORRELATION
of the SOILS of JASPER COUNTY, INDIANA

FEBRUARY 2005

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

AMENDMENT NO. 6

Pages 5 and 6 – Additions

Map Unit Symbol and Name: **Usl** – Udorthents, rubbish

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

Map Unit Symbol and Name: **Pmg** – Pits, gravel

Add the map unit symbol name "Pmg – Pits, gravel" for gravel pits that are more than 1.43 acres in size.

Page 8 – Replace the 37A dated 9/82, 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:

| <u>Feature</u> | <u>Name</u> | <u>Description</u> |
|----------------|----------------|--|
| BLO | Blowout | A small saucer, cup, or through-shaped hollow or depression formed by wind erosion, on a pre-existing sand deposit. 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. |

| <u>Feature</u> | <u>Name</u> | <u>Description</u> |
|----------------|--------------|--|
| 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. |

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. |
| 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. |

Pages 24 and 25 – Replace the Classification of the Soils table with the following:
 (An asterisk in the first column indicates a taxadjunct to the series.)

| Soil name | Family or higher taxonomic class |
|--------------------|---|
| Ackerman----- | Sandy, mixed, mesic Histic Humaquepts |
| Adrian----- | Sandy or sandy-skeletal, mixed, euic, mesic Terric Haplosaprists |
| Andres----- | Fine-loamy, mixed, superactive, mesic Aquic Argiudolls |
| Aubbeenaubbee----- | Fine-loamy, mixed, active, mesic Aeris Epiaqualfs |
| Ayr----- | Sandy over loamy, mixed, superactive, mesic Arenic Argiudolls |
| Brems----- | Mixed, mesic Aquic Udipsamments |
| Brookston----- | Fine-loamy, mixed, superactive, mesic Typic Argiaquolls |
| Chelsea----- | Mixed, mesic Lamellic Udipsamments |
| Corwin----- | Fine-loamy, mixed, active, mesic Oxyaquic Argiudolls |
| *Craigmile----- | Coarse-loamy, mixed, superactive, mesic Fluvaquentic Endoaquolls |
| Darroch----- | Fine-loamy, mixed, superactive, mesic Aquic Argiudolls |
| Edwards----- | Marly, euic, mesic Limnic Haplosaprists |
| Faxon----- | Fine-loamy, mixed, superactive, mesic Typic Endoaquolls |
| Gilford----- | Coarse-loamy, mixed, superactive, mesic Typic Endoaquolls |
| Grovecity----- | Coarse-loamy, mixed, superactive, mesic Aquic Hapludolls |
| Houghton----- | Euic, mesic Typic Haplosaprists |
| Iroquois----- | Fine-loamy over clayey, mixed, semiactive, mesic Typic Argiaquolls |
| Lucas----- | Fine, illitic, mesic Oxyaquic Hapludalfs |
| Markton----- | Loamy, mixed, active, mesic Aquic Arenic Hapludalfs |
| Martinsville----- | Fine-loamy, mixed, active, mesic Typic Hapludalfs |
| Maumee----- | Sandy, mixed, mesic Typic Endoaquolls |
| *Metamora----- | Fine-loamy, mixed, active, mesic Aquollic Hapludalfs |
| Metea----- | Loamy, mixed, active, mesic Arenic Hapludalfs |
| Montgomery----- | Fine, mixed, active, mesic Vertic Endoaquolls |
| Morocco----- | Mixed, mesic Aquic Udipsamments |
| Muskego----- | Coprogenous, euic, mesic Limnic Haplosaprists |
| Mussey----- | Fine-loamy over sandy or sandy-skeletal, mixed, semiactive, mesic Typic Argiaquolls |
| Nesius----- | Sandy, mixed, mesic Oxyaquic Hapludolls |
| Newton----- | Sandy, mixed, mesic Typic Humaquepts |
| Oakville----- | Mixed, mesic Typic Udipsamments |
| Octagon----- | Fine-loamy, mixed, active, mesic Mollic Oxyaquic Hapludalfs |
| Odell----- | Fine-loamy, mixed, superactive, mesic Aquic Argiudolls |
| Ormas----- | Loamy, mixed, active, mesic Arenic Hapludalfs |
| Ormas variant----- | Mixed, mesic Psammentic Hapludalfs |
| *Papineau----- | Fine-loamy, mixed, active, mesic Aquic Argiudolls |
| Parr----- | Fine-loamy, mixed, active, mesic Oxyaquic Argiudolls |
| Prochaska----- | Sandy, mixed, mesic Fluvaquentic Endoaquolls |
| Reddick----- | Fine-loamy, mixed, superactive, mesic Typic Endoaquolls |
| Rensselaer----- | Fine-loamy, mixed, superactive, mesic Typic Argiaquolls |
| Rockton----- | Fine-loamy, mixed, superactive, mesic Typic Argiudolls |
| Simonin----- | Coarse-loamy over clayey, mixed, semiactive, mesic Oxyaquic Argiudolls |
| Sloan----- | Fine-loamy, mixed, superactive, mesic Fluvaquentic Endoaquolls |
| Sparta----- | Sandy, mixed, mesic Entic Hapludolls |
| Strole----- | Fine, illitic, mesic Aquic Argiudolls |

Jasper County, Indiana Classification of the Soils - continued

| Soil name | Family or higher taxonomic class |
|---------------|---|
| Suman----- | Fine-loamy over sandy or sandy-skeletal, mixed, superactive, mesic Fluvaquentic Endoaquolls |
| *Warners----- | Coarse-loamy, carbonatic, mesic Fluvaquentic Endoaquolls |
| Watseka----- | Sandy, mixed, mesic Aquic Hapludolls |
| Wawasee----- | Fine-loamy, mixed, active, mesic Typic Hapludalfs |
| Whitaker----- | Fine-loamy, mixed, active, mesic Aeric Endoaqualfs |
| Wolcott----- | Fine-loamy, mixed, superactive, mesic Typic Endoaquolls |
| Zadog----- | Fine-loamy over sandy or sandy-skeletal, parasesquic over mixed, mesic Typic Endoaquolls |

Approval Signatures

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 State Soil Scientist/MLRA Leader

 Date

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 Date