USDA icon **Natural Resources Conservation Service**

# Major Land Resource Area 056B
# Glacial Lake Agassiz, Tallgrass Aspen Parklands

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## Ecological site keys

### MLRA 56B Key

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**I. Sites have indicators of saturation within a depth of 42 inches during the growing season. (mucky surface, observed water table, redoximorphic depletions, redoximorphic concentrations)**

- **A. Site has strong effervescence within 16 inches of soil surface ...** R056BY087MN – Limy Subirrigated
- **B. Site is typically located in depressions, early growing season ponding, and is poorly drained ...** R056BY102MN – Wet Meadow
- **C. Site is located on deep depressions, is usually ponded into mid-summer, has high organic matter content and is very poorly drained ...** R056BY101MN – Shallow Marsh
- **D. Soil surface texture is fine sandy loam to loamy sand ...** R056BY095MN – Subirrigated
- **E. Soil has redoximorphic features visible 24-42 inches from the soil surface and is somewhat poorly drained ...** R056BY096MN – Subirrigated Sands

**II. Site is located on uplands and has a sand content of >45% in the soil surface**

- **A. site is shallow to gravelly sand or gravelly coarse sand ...** R056BY093MN – Gravelly
- **B. Site is located on dunes with >15% slope ...** R056BY091MN – Sandy
- **C. Fine sandy loam and sandy loam soil surface textures ...** R056BY090MN – Sands
- **D. Loamy fine sand to loamy sand soil surface textures ...** R056BY104MN – Choppy Sands

**Iii. Site is located on uplands and has a clay content >35% in the soil surface**

- **A. Silty clay to clay soil surface texture and no root restrictive layer ...** R056BY104MN – Choppy Sands
- **B. Not as above - site does not exist or not written. ...** R056BY091MN – Sandy

**IV. All other sites**

- **A. Site is in a floodplain or swale and fine sand loam, loam, silt loam or silty clay soil surface texture ...** R056BY084MN – Clayey
- **B. Site that receives overflow from rivers or streams and resides on floodplains of lake or till plains. The water table depth is 36 to 60 inches, loamy texture soils. ...** R056BY088MN – Loamy Overflow
- **C. All other sites. ...** R056BY094MN – Loamy