

FIELD OFFICE TECHNICAL GUIDE Sec. II
WASTE DISPOSAL INTERPRETATIONS

Sanitary Facilities - Part 1.

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Wayne County, Iowa

| Map symbol and soil name | Pct. of map unit | Septic tank absorption fields | | Sewage lagoons | |
|-----------------------------|---------------------------|--|-------|--|-------|
| | | Rating class and limiting features | Value | Rating class and limiting features | Value |
| AaC: Adair----- | 100 | Very limited Depth to saturated zone | 1.00 | Very limited Depth to saturated zone | 1.00 |
| | | Restricted permeability | 0.99 | Slope | 1.00 |
| AaC2: Adair----- | 100 | Very limited Depth to saturated zone | 1.00 | Very limited Depth to saturated zone | 1.00 |
| | | Restricted permeability | 0.99 | Slope | 1.00 |
| AaD: Adair----- | 100 | Very limited Depth to saturated zone | 1.00 | Very limited Depth to saturated zone | 1.00 |
| | | Restricted permeability | 0.99 | Slope | 1.00 |
| | | Slope | 0.63 | | |
| AaD2: Adair----- | 100 | Very limited Depth to saturated zone | 1.00 | Very limited Depth to saturated zone | 1.00 |
| | | Restricted permeability | 0.99 | Slope | 1.00 |
| | | Slope | 0.63 | | |
| AdC3: Adair----- | 100 | Very limited Depth to saturated zone | 1.00 | Very limited Depth to saturated zone | 1.00 |
| | | Restricted permeability | 0.99 | Slope | 1.00 |
| AdD3: Adair----- | 100 | Very limited Depth to saturated zone | 1.00 | Very limited Depth to saturated zone | 1.00 |
| | | Restricted permeability | 0.99 | Slope | 1.00 |
| | | Slope | 0.63 | | |

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Wayne County, Iowa

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|--------------------------|------------------|---|-------|---|-------|
| | | Rating class and limiting features | Value | Rating class and limiting features | Value |
| AsD2: | | | | | |
| Adair----- | 55 | Very limited Depth to saturated zone | 1.00 | Very limited Depth to saturated zone | 1.00 |
| | | Restricted permeability | 0.99 | Slope | 1.00 |
| | | Slope | 0.63 | | |
| Shelby----- | 35 | Somewhat limited Restricted permeability | 0.91 | Very limited Slope | 1.00 |
| | | Slope | 0.63 | | |
| | | Depth to saturated zone | 0.43 | | |
| AsD3: | | | | | |
| Adair----- | 55 | Very limited Depth to saturated zone | 1.00 | Very limited Depth to saturated zone | 1.00 |
| | | Restricted permeability | 0.99 | Slope | 1.00 |
| | | Slope | 0.63 | | |
| Shelby----- | 35 | Somewhat limited Restricted permeability | 0.91 | Very limited Slope | 1.00 |
| | | Slope | 0.63 | | |
| | | Depth to saturated zone | 0.43 | | |
| CaD2: | | | | | |
| Caleb----- | 100 | Somewhat limited Slope | 0.63 | Very limited Slope | 1.00 |
| | | Depth to saturated zone | 0.43 | Seepage | 0.50 |
| | | restricted permeability | 0.35 | | |
| CaE2: | | | | | |
| Caleb----- | 100 | Very limited Slope | 1.00 | Very limited Slope | 1.00 |
| | | Depth to saturated zone | 0.43 | Seepage | 0.50 |
| | | restricted permeability | 0.35 | | |

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| Map symbol and soil name | Pct. of map unit | Septic tank absorption fields | | Sewage lagoons | |
|--------------------------|------------------|---|-------|---|-------|
| | | Rating class and limiting features | Value | Rating class and limiting features | Value |
| CbD3: Caleb----- | 100 | Somewhat limited Slope | 0.63 | Very limited Slope | 1.00 |
| | | Depth to saturated zone | 0.43 | Seepage | 0.50 |
| | | restricted permeability | 0.35 | | |
| CbE3: Caleb----- | 100 | Very limited Slope | 1.00 | Very limited Slope | 1.00 |
| | | Depth to saturated zone | 0.43 | Seepage | 0.50 |
| | | restricted permeability | 0.35 | | |
| Ch: Chequest----- | 100 | Very limited Flooding | 1.00 | Very limited Depth to saturated zone | 1.00 |
| | | Depth to saturated zone | 1.00 | Flooding | 1.00 |
| | | Restricted permeability | 0.91 | | |
| ClC: Clarinda----- | 100 | Very limited Depth to saturated zone | 1.00 | Very limited Depth to saturated zone | 1.00 |
| | | Restricted permeability | 1.00 | Slope | 1.00 |
| ClC2: Clarinda----- | 100 | Very limited Depth to saturated zone | 1.00 | Very limited Depth to saturated zone | 1.00 |
| | | Restricted permeability | 1.00 | Slope | 1.00 |
| ClD2: Clarinda----- | 100 | Very limited Depth to saturated zone | 1.00 | Very limited Depth to saturated zone | 1.00 |
| | | Restricted permeability | 1.00 | Slope | 1.00 |
| | | Slope | 0.63 | | |

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| Map symbol and soil name | Pct. of map unit | Septic tank absorption fields | | Sewage lagoons | |
|--------------------------|------------------|--|----------------------|--|----------------------|
| | | Rating class and limiting features | Value | Rating class and limiting features | Value |
| CmC3: Clarinda----- | 100 | Very limited Depth to saturated zone Restricted permeability | 1.00 1.00 | Very limited Depth to saturated zone Slope | 1.00 1.00 |
| Co: Colo----- | 100 | Very limited Flooding Depth to saturated zone restricted permeability | 1.00 1.00 0.25 | Very limited Depth to saturated zone Flooding Seepage | 1.00 1.00 0.50 |
| CoB: Colo----- | 100 | Very limited Depth to saturated zone restricted permeability | 1.00 0.25 | Very limited Depth to saturated zone Seepage Slope | 1.00 0.50 0.32 |
| Cz: Colo----- | 55 | Very limited Flooding Depth to saturated zone restricted permeability | 1.00 1.00 0.25 | Very limited Depth to saturated zone Flooding Seepage | 1.00 1.00 0.50 |
| Zook----- | 35 | Very limited Flooding Depth to saturated zone Restricted permeability | 1.00 1.00 0.99 | Very limited Depth to saturated zone Flooding | 1.00 1.00 |

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| Map symbol and soil name | Pct. of map unit | Septic tank absorption fields | | Sewage lagoons | |
|-----------------------------|---------------------------|--|-------|--|-------|
| | | Rating class and limiting features | Value | Rating class and limiting features | Value |
| Ed: | | | | | |
| Edina----- | 100 | Very limited Depth to saturated zone | 1.00 | Very limited Depth to saturated zone | 1.00 |
| | | Restricted permeability | 1.00 | Seepage | 0.50 |
| GaD2: | | | | | |
| Gara----- | 100 | Very limited Restricted permeability | 1.00 | Very limited Slope | 1.00 |
| | | Slope | 0.63 | | |
| | | Depth to saturated zone | 0.43 | | |
| GaE: | | | | | |
| Gara----- | 100 | Very limited Slope | 1.00 | Very limited Slope | 1.00 |
| | | Restricted permeability | 1.00 | | |
| | | Depth to saturated zone | 0.43 | | |
| GaE2: | | | | | |
| Gara----- | 100 | Very limited Slope | 1.00 | Very limited Slope | 1.00 |
| | | Restricted permeability | 1.00 | | |
| | | Depth to saturated zone | 0.43 | | |
| GaF: | | | | | |
| Gara----- | 100 | Very limited Slope | 1.00 | Very limited Slope | 1.00 |
| | | Restricted permeability | 1.00 | | |
| | | Depth to saturated zone | 0.43 | | |
| GaF2: | | | | | |
| Gara----- | 100 | Very limited Slope | 1.00 | Very limited Slope | 1.00 |
| | | Restricted permeability | 1.00 | | |
| | | Depth to saturated zone | 0.43 | | |

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(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Wayne County, Iowa

| Map symbol and soil name | Pct. of map unit | Septic tank absorption fields | | Sewage lagoons | |
|-----------------------------|---------------------------|--|-------|--|-------|
| | | Rating class and limiting features | Value | Rating class and limiting features | Value |
| GrE3: Gara----- | 100 | Very limited Slope | 1.00 | Very limited Slope | 1.00 |
| | | Restricted permeability | 1.00 | | |
| | | Depth to saturated zone | 0.43 | | |
| GuB: Grundy----- | 100 | Very limited Depth to saturated zone | 1.00 | Very limited Depth to saturated zone | 1.00 |
| | | Restricted permeability | 0.99 | Slope | 0.32 |
| GuC: Grundy----- | 100 | Very limited Depth to saturated zone | 1.00 | Very limited Depth to saturated zone | 1.00 |
| | | Restricted permeability | 0.99 | Slope | 1.00 |
| GuC2: Grundy----- | 100 | Very limited Depth to saturated zone | 1.00 | Very limited Depth to saturated zone | 1.00 |
| | | Restricted permeability | 0.99 | Slope | 1.00 |
| Ha: Haig----- | 100 | Very limited Depth to saturated zone | 1.00 | Very limited Depth to saturated zone | 1.00 |
| | | Restricted permeability | 0.99 | Seepage | 0.50 |
| Hu: Humeston----- | 100 | Very limited Flooding | 1.00 | Very limited Depth to saturated zone | 1.00 |
| | | Depth to saturated zone | 1.00 | Flooding | 1.00 |
| | | Restricted permeability | 1.00 | Seepage | 0.32 |

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| Map symbol and soil name | Pct. of map unit | Septic tank absorption fields | | Sewage lagoons | |
|-----------------------------|---------------------------|--|-------|--|-------|
| | | Rating class and limiting features | Value | Rating class and limiting features | Value |
| HuB: Humeston----- | 100 | Very limited Flooding | 1.00 | Very limited Depth to saturated zone | 1.00 |
| | | Depth to saturated zone | 1.00 | Flooding | 1.00 |
| | | Restricted permeability | 1.00 | Seepage | 0.32 |
| | | | | Slope | 0.32 |
| KnB: Kniffin----- | 100 | Very limited Restricted permeability | 1.00 | Very limited Depth to saturated zone | 1.00 |
| | | Depth to saturated zone | 1.00 | Slope | 0.32 |
| KnC: Kniffin----- | 100 | Very limited Restricted permeability | 1.00 | Very limited Depth to saturated zone | 1.00 |
| | | Depth to saturated zone | 1.00 | Slope | 1.00 |
| KnC2: Kniffin----- | 100 | Very limited Restricted permeability | 1.00 | Very limited Depth to saturated zone | 1.00 |
| | | Depth to saturated zone | 1.00 | Slope | 1.00 |
| LaC2: Lamoni----- | 100 | Very limited Depth to saturated zone | 1.00 | Very limited Depth to saturated zone | 1.00 |
| | | Restricted permeability | 0.99 | Slope | 1.00 |
| LaD2: Lamoni----- | 100 | Very limited Depth to saturated zone | 1.00 | Very limited Depth to saturated zone | 1.00 |
| | | Restricted permeability | 0.99 | Slope | 1.00 |
| | | Slope | 0.63 | | |

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| Map symbol and soil name | Pct. of map unit | Septic tank absorption fields | | Sewage lagoons | |
|--------------------------|------------------|---|-------|---|-------|
| | | Rating class and limiting features | Value | Rating class and limiting features | Value |
| LmD3: Lamoni----- | 100 | Very limited Depth to saturated zone | 1.00 | Very limited Depth to saturated zone | 1.00 |
| | | Restricted permeability | 0.99 | Slope | 1.00 |
| | | Slope | 0.63 | | |
| Ln: Lawson----- | 55 | Very limited Flooding | 1.00 | Very limited Depth to saturated zone | 1.00 |
| | | Depth to saturated zone | 1.00 | Flooding | 1.00 |
| | | restricted permeability | 0.25 | Seepage | 0.50 |
| Nodaway----- | 35 | Very limited Flooding | 1.00 | Very limited Flooding | 1.00 |
| | | Depth to saturated zone | 0.43 | Seepage | 0.50 |
| | | restricted permeability | 0.25 | | |
| LoF2: Lindley----- | 100 | Very limited Slope | 1.00 | Very limited Slope | 1.00 |
| | | Restricted permeability | 1.00 | | |
| LvC: Lineville----- | 100 | Very limited Restricted permeability | 1.00 | Very limited Depth to saturated zone | 1.00 |
| | | Depth to saturated zone | 1.00 | Slope | 1.00 |
| LvC2: Lineville----- | 100 | Very limited Restricted permeability | 1.00 | Very limited Depth to saturated zone | 1.00 |
| | | Depth to saturated zone | 1.00 | Slope | 1.00 |

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Wayne County, Iowa

| Map symbol and soil name | Pct. of map unit | Septic tank absorption fields | | Sewage lagoons | |
|--------------------------|------------------|--|----------------------|---|------------------------------|
| | | Rating class and limiting features | Value | Rating class and limiting features | Value |
| MyC2: Mystic----- | 100 | Very limited Restricted permeability Depth to saturated zone | 1.00 1.00 | Very limited Slope Seepage Depth to saturated zone | 1.00 1.00 1.00 0.71 |
| OmB: Olmitz----- | 100 | Somewhat limited Depth to saturated zone restricted permeability | 0.43 0.25 | Somewhat limited Seepage Slope | 0.50 0.32 |
| OvB: Olmitz----- | 35 | Somewhat limited Depth to saturated zone restricted permeability | 0.43 0.25 | Somewhat limited Seepage Slope | 0.50 0.32 |
| Vesser----- | 30 | Very limited Flooding Depth to saturated zone restricted permeability | 1.00 1.00 0.25 | Very limited Depth to saturated zone Flooding Seepage Slope | 1.00 1.00 0.50 0.32 |
| Colo----- | 25 | Very limited Depth to saturated zone restricted permeability | 1.00 0.25 | Very limited Depth to saturated zone Seepage Slope | 1.00 0.50 0.32 |
| PeC: Pershing----- | 100 | Very limited Restricted permeability Depth to saturated zone | 1.00 1.00 | Very limited Depth to saturated zone Slope | 1.00 1.00 |

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| Map symbol and soil name | Pct. of map unit | Septic tank absorption fields | | Sewage lagoons | |
|--------------------------|------------------|--|--------------|--|--------------|
| | | Rating class and limiting features | Value | Rating class and limiting features | Value |
| PeC2: Pershing----- | 100 | Very limited Restricted permeability Depth to saturated zone | 1.00 1.00 | Very limited Depth to saturated zone Slope | 1.00 1.00 |
| PhB: Pershing----- | 100 | Very limited Restricted permeability Depth to saturated zone | 1.00 1.00 | Very limited Depth to saturated zone Slope | 1.00 0.32 |
| PhC2: Pershing----- | 100 | Very limited Restricted permeability Depth to saturated zone | 1.00 1.00 | Very limited Depth to saturated zone Slope | 1.00 1.00 |
| RaC: Rathbun----- | 100 | Very limited Restricted permeability Depth to saturated zone | 1.00 1.00 | Very limited Depth to saturated zone Slope | 1.00 1.00 |
| RaC2: Rathbun----- | 100 | Very limited Restricted permeability Depth to saturated zone | 1.00 1.00 | Very limited Depth to saturated zone Slope | 1.00 1.00 |
| SeB: Seymour----- | 100 | Very limited Depth to saturated zone Restricted permeability | 1.00 1.00 | Very limited Depth to saturated zone Slope | 1.00 0.32 |

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|--------------------------|------------------|---|----------------------|--|--------------|
| | | Rating class and limiting features | Value | Rating class and limiting features | Value |
| SfC: Seymour----- | 100 | Very limited Depth to saturated zone Restricted permeability | 1.00 1.00 | Very limited Depth to saturated zone Slope | 1.00 1.00 |
| SfC2: Seymour----- | 100 | Very limited Depth to saturated zone Restricted permeability | 1.00 1.00 | Very limited Depth to saturated zone Slope | 1.00 1.00 |
| ShD: Shelby----- | 100 | Somewhat limited Restricted permeability Slope Depth to saturated zone | 0.91 0.63 0.43 | Very limited Slope | 1.00 |
| ShD2: Shelby----- | 100 | Somewhat limited Restricted permeability Slope Depth to saturated zone | 0.91 0.63 0.43 | Very limited Slope | 1.00 |
| ShE: Shelby----- | 100 | Very limited Slope Restricted permeability Depth to saturated zone | 1.00 0.91 0.43 | Very limited Slope | 1.00 |
| ShE2: Shelby----- | 100 | Very limited Slope Restricted permeability Depth to saturated zone | 1.00 0.91 0.43 | Very limited Slope | 1.00 |

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| Map symbol and soil name | Pct. of map unit | Septic tank absorption fields | | Sewage lagoons | |
|--------------------------|------------------|---|-------|---|-------|
| | | Rating class and limiting features | Value | Rating class and limiting features | Value |
| ShF2: Shelby----- | 100 | Very limited Slope | 1.00 | Very limited Slope | 1.00 |
| | | Restricted permeability | 0.91 | | |
| | | Depth to saturated zone | 0.43 | | |
| SoD3: Shelby----- | 100 | Somewhat limited Restricted permeability | 0.91 | Very limited Slope | 1.00 |
| | | Slope | 0.63 | | |
| | | Depth to saturated zone | 0.43 | | |
| SoE3: Shelby----- | 100 | Very limited Slope | 1.00 | Very limited Slope | 1.00 |
| | | Restricted permeability | 0.91 | | |
| | | Depth to saturated zone | 0.43 | | |
| Ve: Vesser----- | 95 | Very limited Flooding | 1.00 | Very limited Depth to saturated zone | 1.00 |
| | | Depth to saturated zone | 1.00 | Flooding | 1.00 |
| | | restricted permeability | 0.25 | Seepage | 0.50 |
| VeB: Vesser----- | 95 | Very limited Flooding | 1.00 | Very limited Depth to saturated zone | 1.00 |
| | | Depth to saturated zone | 1.00 | Flooding | 1.00 |
| | | restricted permeability | 0.25 | Seepage | 0.50 |
| | | | | Slope | 0.32 |

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|-----------------------------|---------------------------|---------------------------------------|-------|--|-------|
| | | Rating class and limiting features | Value | Rating class and limiting features | Value |
| W: Water----- | 100 | Not rated | | Not rated | |
| Wa: Wabash----- | 95 | Very limited Flooding | 1.00 | Very limited Depth to saturated zone | 1.00 |
| | | Depth to saturated zone | 1.00 | Flooding | 1.00 |
| | | Restricted permeability | 1.00 | Ponding | 1.00 |
| | | Ponding | 1.00 | | |
| Zo: Zook----- | 100 | Very limited Flooding | 1.00 | Very limited Depth to saturated zone | 1.00 |
| | | Depth to saturated zone | 1.00 | Flooding | 1.00 |
| | | Restricted permeability | 0.99 | | |

