

Sanitary Facilities - Part 2.

Grundy County, Iowa

| Map symbol<br>and soil name | Pct.<br>of<br>map<br>unit | Trench sanitary<br>landfill  |                      | Area sanitary<br>landfill                              |              | Daily cover for<br>landfill   |                      |
|-----------------------------|---------------------------|--|----------------------|--|--------------|---|----------------------|
|                             |                           | Rating class and<br>limiting features                                | Value                | Rating class and<br>limiting features                  | Value        | Rating class and<br>limiting features                                       | Value                |
| 7:<br>Wiota-----            | 100                       | Somewhat limited<br>Too clayey                                       | 0.50                 | Not limited  |              | Somewhat limited<br>Too clayey  | 0.50                 |
| 41B:<br>Sparta-----         | 95                        | Very limited<br>Seepage<br>Too Sandy                                 | 1.00<br>1.00         | Very limited<br>Seepage                                | 1.00         | Very limited<br>Too Sandy<br>Seepage  | 1.00<br>1.00         |
| 43:<br>Bremer-----          | 95                        | Very limited<br>Depth to<br>saturated zone<br>Too clayey<br>Flooding | 1.00<br>1.00<br>0.40 | Very limited<br>Depth to<br>saturated zone<br>Flooding | 1.00<br>0.40 | Very limited<br>Depth to<br>saturated zone<br>Too clayey<br>Hard to compact | 1.00<br>1.00<br>1.00 |
| 54:<br>Zook-----            | 100                       | Very limited<br>Flooding<br>Depth to<br>saturated zone<br>Too clayey | 1.00<br>1.00<br>1.00 | Very limited<br>Flooding<br>Depth to<br>saturated zone | 1.00<br>1.00 | Very limited<br>Depth to<br>saturated zone<br>Too clayey<br>Hard to compact | 1.00<br>1.00<br>1.00 |
| 83B:<br>Kenyon-----         | 90                        | Very limited<br>Depth to<br>saturated zone                           | 1.00                 | Very limited<br>Depth to<br>saturated zone             | 1.00         | Not limited   |                      |
| 83C:<br>Kenyon-----         | 90                        | Very limited<br>Depth to<br>saturated zone                           | 1.00                 | Very limited<br>Depth to<br>saturated zone             | 1.00         | Not limited   |                      |
| 83C2:<br>Kenyon-----        | 90                        | Very limited<br>Depth to<br>saturated zone                           | 1.00                 | Very limited<br>Depth to<br>saturated zone             | 1.00         | Not limited   |                      |
| 83D2:<br>Kenyon-----        | 95                        | Very limited<br>Depth to<br>saturated zone<br>Slope                  | 1.00<br>0.63         | Very limited<br>Depth to<br>saturated zone<br>Slope    | 1.00<br>0.63 | Somewhat limited<br>Slope   | 0.63                 |

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|-----------------------------|---------------------------|---|----------------------|--|--------------|--|--------------|
|                             |                           | Rating class and<br>limiting features                             | Value                | Rating class and<br>limiting features                  | Value        | Rating class and<br>limiting features                        | Value        |
| 84:<br>Clyde-----           | 100                       | Very limited<br>Depth to<br>saturated zone<br>Too clayey          | 1.00<br>0.50         | Very limited<br>Depth to<br>saturated zone             | 1.00         | Very limited<br>Depth to<br>saturated zone<br>Too clayey     | 1.00<br>0.50 |
| 88:<br>Nevin-----           | 95                        | Very limited<br>Depth to<br>saturated zone<br>Too clayey          | 1.00<br>0.50         | Very limited<br>Depth to<br>saturated zone             | 1.00         | Somewhat limited<br>Too clayey<br>Depth to<br>saturated zone | 0.50<br>0.09 |
| 96:<br>Turlin-----          | 95                        | Very limited<br>Flooding<br>Depth to<br>saturated zone<br>Seepage | 1.00<br>1.00<br>1.00 | Very limited<br>Flooding<br>Depth to<br>saturated zone | 1.00<br>1.00 | Not limited  |              |
| 118:<br>Garwin-----         | 90                        | Very limited<br>Depth to<br>saturated zone                        | 1.00                 | Very limited<br>Depth to<br>saturated zone             | 1.00         | Very limited<br>Depth to<br>saturated zone<br>Too clayey     | 1.00<br>0.50 |
| 119:<br>Muscatine-----      | 95                        | Very limited<br>Depth to<br>saturated zone<br>Too clayey          | 1.00<br>0.50         | Very limited<br>Depth to<br>saturated zone             | 1.00         | Somewhat limited<br>Too clayey<br>Depth to<br>saturated zone | 0.50<br>0.09 |
| 119B:<br>Muscatine-----     | 95                        | Very limited<br>Depth to<br>saturated zone<br>Too clayey          | 1.00<br>0.50         | Very limited<br>Depth to<br>saturated zone             | 1.00         | Somewhat limited<br>Too clayey<br>Depth to<br>saturated zone | 0.50<br>0.09 |
| 120:<br>Tama-----           | 95                        | Somewhat limited<br>Too clayey                                    | 0.50                 | Not limited  |              | Somewhat limited<br>Too clayey                               | 0.50         |
| 120B:<br>Tama-----          | 95                        | Somewhat limited<br>Too clayey                                    | 0.50                 | Not limited  |              | Somewhat limited<br>Too clayey                               | 0.50         |

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|-----------------------------|---------------------------|---|------------------------------|--|--------------|--|----------------------|
|                             |                           | Rating class and<br>limiting features   | Value                        | Rating class and<br>limiting features                  | Value        | Rating class and<br>limiting features                              | Value                |
| 120C:<br>Tama-----          | 95                        | Somewhat limited<br>Too clayey  | 0.50                         | Not limited  |              | Somewhat limited<br>Too clayey                                     | 0.50                 |
| 120C2:<br>Tama-----         | 95                        | Somewhat limited<br>Too clayey  | 0.50                         | Not limited  |              | Somewhat limited<br>Too clayey                                     | 0.50                 |
| 122:<br>Sperry-----         | 100                       | Very limited<br>Depth to<br>saturated zone<br>Too clayey                        | 1.00<br>0.50                 | Very limited<br>Depth to<br>saturated zone             | 1.00         | Very limited<br>Depth to<br>saturated zone<br>Too clayey           | 1.00<br>0.50         |
| 133:<br>Colo-----           | 90                        | Very limited<br>Flooding<br>Depth to<br>saturated zone<br>Too clayey            | 1.00<br>1.00<br>0.50         | Very limited<br>Flooding<br>Depth to<br>saturated zone | 1.00<br>1.00 | Very limited<br>Depth to<br>saturated zone<br>Too clayey           | 1.00<br>0.50         |
| 135:<br>Coland-----         | 95                        | Very limited<br>Flooding<br>Depth to<br>saturated zone<br>Seepage<br>Too clayey | 1.00<br>1.00<br>1.00<br>0.50 | Very limited<br>Flooding<br>Depth to<br>saturated zone | 1.00<br>1.00 | Very limited<br>Depth to<br>saturated zone<br>Too clayey           | 1.00<br>0.50         |
| 152:<br>Marshan-----        | 95                        | Very limited<br>Depth to<br>saturated zone<br>Seepage<br>Too Sandy              | 1.00<br>1.00<br>1.00         | Very limited<br>Depth to<br>saturated zone<br>Seepage  | 1.00<br>1.00 | Very limited<br>Depth to<br>saturated zone<br>Too Sandy<br>Seepage | 1.00<br>1.00<br>1.00 |
| 174B:<br>Bolan-----         | 95                        | Very limited<br>Seepage<br>Too Sandy  | 1.00<br>1.00                 | Very limited<br>Seepage                                | 1.00         | Very limited<br>Seepage<br>Too Sandy                               | 1.00<br>0.50         |
| 175B:<br>Dickinson-----     | 95                        | Very limited<br>Seepage<br>Too Sandy  | 1.00<br>1.00                 | Very limited<br>Seepage                                | 1.00         | Very limited<br>Too Sandy<br>Seepage                               | 1.00<br>1.00         |

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|-----------------------------|---------------------------|--|--------------|--|-------|--|--------------|
|                             |                           | Rating class and<br>limiting features      | Value        | Rating class and<br>limiting features      | Value | Rating class and<br>limiting features          | Value        |
| 175C:<br>Dickinson-----     | 95                        | Very limited<br>Seepage<br>Too Sandy       | 1.00<br>1.00 | Very limited<br>Seepage                    | 1.00  | Very limited<br>Too Sandy<br>Seepage           | 1.00<br>1.00 |
| 177:<br>Saude-----          | 95                        | Very limited<br>Seepage<br>Too Sandy       | 1.00<br>1.00 | Very limited<br>Seepage                    | 1.00  | Very limited<br>Too Sandy<br>Seepage           | 1.00<br>1.00 |
| 177B:<br>Saude-----         | 95                        | Very limited<br>Seepage<br>Too Sandy       | 1.00<br>1.00 | Very limited<br>Seepage                    | 1.00  | Very limited<br>Too Sandy<br>Seepage           | 1.00<br>1.00 |
| 177C:<br>Saude-----         | 95                        | Very limited<br>Seepage<br>Too Sandy       | 1.00<br>1.00 | Very limited<br>Seepage                    | 1.00  | Very limited<br>Too Sandy<br>Seepage           | 1.00<br>1.00 |
| 177C2:<br>Saude-----        | 95                        | Very limited<br>Seepage<br>Too Sandy       | 1.00<br>1.00 | Very limited<br>Seepage                    | 1.00  | Very limited<br>Too Sandy<br>Seepage           | 1.00<br>1.00 |
| 178:<br>Waukee-----         | 95                        | Very limited<br>Seepage<br>Too Sandy       | 1.00<br>1.00 | Very limited<br>Seepage                    | 1.00  | Very limited<br>Seepage<br>Too Sandy           | 1.00<br>0.50 |
| 178B:<br>Waukee-----        | 95                        | Very limited<br>Seepage<br>Too Sandy       | 1.00<br>1.00 | Very limited<br>Seepage                    | 1.00  | Very limited<br>Seepage<br>Too Sandy           | 1.00<br>0.50 |
| 184:<br>Klinger-----        | 95                        | Very limited<br>Depth to<br>saturated zone | 1.00         | Very limited<br>Depth to<br>saturated zone | 1.00  | Somewhat limited<br>Depth to<br>saturated zone | 0.09         |
| 184B:<br>Klinger-----       | 95                        | Very limited<br>Depth to<br>saturated zone | 1.00         | Very limited<br>Depth to<br>saturated zone | 1.00  | Somewhat limited<br>Depth to<br>saturated zone | 0.09         |

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|-----------------------------|---------------------------|--|----------------------|---|--------------|---|----------------------|
|                             |                           | Rating class and<br>limiting features                                      | Value                | Rating class and<br>limiting features                 | Value        | Rating class and<br>limiting features   | Value                |
| 198B:<br>Floyd-----         | 95                        | Very limited<br>Depth to<br>saturated zone                                 | 1.00                 | Very limited<br>Depth to<br>saturated zone<br>Seepage | 1.00         | Somewhat limited<br>Depth to<br>saturated zone  | 0.09                 |
| 221:<br>Palms-----          | 95                        | Very limited<br>Depth to<br>saturated zone<br>Content of<br>organic matter | 1.00<br>1.00         | Very limited<br>Depth to<br>saturated zone<br>Seepage | 1.00<br>1.00 | Very limited<br>Depth to<br>saturated zone<br>Content of<br>organic matter<br>Seepage | 1.00<br>1.00<br>0.16 |
| 225:<br>Lawler-----         | 95                        | Very limited<br>Depth to<br>saturated zone<br>Seepage<br>Too Sandy         | 1.00<br>1.00<br>1.00 | Very limited<br>Depth to<br>saturated zone<br>Seepage | 1.00<br>1.00 | Very limited<br>Seepage<br>Too Sandy<br>Depth to<br>saturated zone                    | 1.00<br>0.50<br>0.09 |
| 226:<br>Lawler-----         | 95                        | Very limited<br>Depth to<br>saturated zone<br>Seepage<br>Too Sandy         | 1.00<br>1.00<br>1.00 | Very limited<br>Depth to<br>saturated zone<br>Seepage | 1.00<br>1.00 | Very limited<br>Seepage<br>Too Sandy<br>Depth to<br>saturated zone                    | 1.00<br>0.50<br>0.09 |
| 241B:<br>Saude-----         | 60                        | Very limited<br>Seepage<br>Too Sandy                                       | 1.00<br>1.00         | Very limited<br>Seepage                               | 1.00         | Very limited<br>Too Sandy<br>Seepage  | 1.00<br>1.00         |
| Lilah-----                  | 25                        | Very limited<br>Seepage<br>Too Sandy                                       | 1.00<br>1.00         | Very limited<br>Seepage                               | 1.00         | Very limited<br>Seepage<br>Too Sandy<br>Gravel content                                | 1.00<br>0.50<br>0.01 |
| 241C2:<br>Saude-----        | 55                        | Very limited<br>Seepage<br>Too Sandy                                       | 1.00<br>1.00         | Very limited<br>Seepage                               | 1.00         | Very limited<br>Too Sandy<br>Seepage  | 1.00<br>1.00         |

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|-----------------------------|---------------------------|--|----------------------|---|--------------|---|------------------------------|
|                             |                           | Rating class and<br>limiting features                    | Value                | Rating class and<br>limiting features                 | Value        | Rating class and<br>limiting features                           | Value                        |
| Lilah-----                  | 35                        | Very limited<br>Seepage<br>Too Sandy<br>Slope            | 1.00<br>1.00<br>0.16 | Very limited<br>Seepage<br>Slope                      | 1.00<br>0.16 | Very limited<br>Seepage<br>Too Sandy<br>Slope<br>Gravel content | 1.00<br>0.50<br>0.16<br>0.01 |
| 377B:<br>Dinsdale-----      | 95                        | Very limited<br>Depth to<br>saturated zone               | 1.00                 | Very limited<br>Depth to<br>saturated zone            | 1.00         | Not limited   |                              |
| 377C:<br>Dinsdale-----      | 95                        | Very limited<br>Depth to<br>saturated zone               | 1.00                 | Very limited<br>Depth to<br>saturated zone            | 1.00         | Not limited   |                              |
| 377C2:<br>Dinsdale-----     | 95                        | Very limited<br>Depth to<br>saturated zone               | 1.00                 | Very limited<br>Depth to<br>saturated zone            | 1.00         | Somewhat limited<br>Too clayey                                  | 0.50                         |
| 377D2:<br>Dinsdale-----     | 95                        | Very limited<br>Depth to<br>saturated zone<br>Slope      | 1.00<br>0.63         | Very limited<br>Depth to<br>saturated zone<br>Slope   | 1.00<br>0.63 | Somewhat limited<br>Slope<br>Too clayey                         | 0.63<br>0.50                 |
| 382:<br>Maxfield-----       | 90                        | Very limited<br>Depth to<br>saturated zone               | 1.00                 | Very limited<br>Depth to<br>saturated zone            | 1.00         | Very limited<br>Depth to<br>saturated zone                      | 1.00                         |
| 391B:<br>Clyde-----         | 50                        | Very limited<br>Depth to<br>saturated zone<br>Too clayey | 1.00<br>0.50         | Very limited<br>Depth to<br>saturated zone            | 1.00         | Very limited<br>Depth to<br>saturated zone<br>Too clayey        | 1.00<br>0.50                 |
| Floyd-----                  | 45                        | Very limited<br>Depth to<br>saturated zone               | 1.00                 | Very limited<br>Depth to<br>saturated zone<br>Seepage | 1.00<br>1.00 | Somewhat limited<br>Depth to<br>saturated zone                  | 0.09                         |
| 394B:<br>Ostrander-----     | 90                        | Not limited  |                      | Not limited   |              | Not limited   |                              |

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|-----------------------------|---------------------------|---|----------------------|--|--------------|--|--------------|
|                             |                           | Rating class and<br>limiting features                               | Value                | Rating class and<br>limiting features                  | Value        | Rating class and<br>limiting features                        | Value        |
| 394C:<br>Ostrander-----     | 90                        | Not limited   |                      | Not limited  |              | Not limited  |              |
| 394C2:<br>Ostrander-----    | 90                        | Not limited   |                      | Not limited  |              | Not limited  |              |
| 399:<br>Readlyn-----        | 95                        | Very limited<br>Depth to<br>saturated zone                          | 1.00                 | Very limited<br>Depth to<br>saturated zone             | 1.00         | Somewhat limited<br>Depth to<br>saturated zone               | 0.09         |
| 404:<br>Thorp-----          | 95                        | Very limited<br>Depth to<br>saturated zone<br>Seepage<br>Too clayey | 1.00<br>1.00<br>0.50 | Very limited<br>Depth to<br>saturated zone             | 1.00         | Very limited<br>Depth to<br>saturated zone<br>Too clayey     | 1.00<br>0.50 |
| 428B:<br>Ely-----           | 95                        | Very limited<br>Depth to<br>saturated zone<br>Too clayey            | 1.00<br>0.50         | Very limited<br>Depth to<br>saturated zone             | 1.00         | Somewhat limited<br>Too clayey<br>Depth to<br>saturated zone | 0.50<br>0.09 |
| 484:<br>Lawson-----         | 95                        | Very limited<br>Flooding<br>Depth to<br>saturated zone              | 1.00<br>1.00         | Very limited<br>Flooding<br>Depth to<br>saturated zone | 1.00<br>1.00 | Somewhat limited<br>Depth to<br>saturated zone               | 0.86         |
| 595:<br>Harpster-----       | 95                        | Very limited<br>Depth to<br>saturated zone                          | 1.00                 | Very limited<br>Depth to<br>saturated zone             | 1.00         | Very limited<br>Depth to<br>saturated zone                   | 1.00         |
| 620C2:<br>Port Byron-----   | 95                        | Not limited   |                      | Not limited  |              | Not limited  |              |
| 620E3:<br>Port Byron-----   | 95                        | Very limited<br>Slope   | 0.96                 | Very limited<br>Slope                                  | 0.96         | Very limited<br>Slope  | 0.96         |

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|-----------------------------|---------------------------|--|--------------|--|-------|---|----------------------|
|                             |                           | Rating class and<br>limiting features                    | Value        | Rating class and<br>limiting features      | Value | Rating class and<br>limiting features                                       | Value                |
| 733:<br>Calco-----          | 95                        | Very limited<br>Flooding                                 | 1.00         | Very limited<br>Flooding                   | 1.00  | Very limited<br>Depth to<br>saturated zone                                  | 1.00                 |
|                             |                           | Depth to<br>saturated zone<br>Too clayey                 | 1.00<br>0.50 | Depth to<br>saturated zone                 | 1.00  | Too clayey  | 0.50                 |
| 776C2:<br>Lilah-----        | 100                       | Very limited<br>Seepage<br>Too Sandy                     | 1.00<br>1.00 | Very limited<br>Seepage                    | 1.00  | Very limited<br>Seepage<br>Too Sandy<br>Gravel content                      | 1.00<br>0.50<br>0.01 |
| 782B:<br>Donnan-----        | 95                        | Very limited<br>Depth to<br>saturated zone<br>Too clayey | 1.00<br>1.00 | Very limited<br>Depth to<br>saturated zone | 1.00  | Very limited<br>Too clayey<br>Hard to compact<br>Depth to<br>saturated zone | 1.00<br>1.00<br>0.47 |
| 933:<br>Sawmill-----        | 90                        | Very limited<br>Flooding                                 | 1.00         | Very limited<br>Flooding                   | 1.00  | Very limited<br>Depth to<br>saturated zone                                  | 1.00                 |
|                             |                           | Depth to<br>saturated zone<br>Too clayey                 | 1.00<br>0.50 | Depth to<br>saturated zone                 | 1.00  | Too clayey  | 0.50                 |
| 933B:<br>Sawmill-----       | 60                        | Very limited<br>Flooding                                 | 1.00         | Very limited<br>Flooding                   | 1.00  | Very limited<br>Depth to<br>saturated zone                                  | 1.00                 |
|                             |                           | Depth to<br>saturated zone<br>Too clayey                 | 1.00<br>0.50 | Depth to<br>saturated zone                 | 1.00  | Too clayey  | 0.50                 |
| Garwin-----                 | 35                        | Very limited<br>Depth to<br>saturated zone               | 1.00         | Very limited<br>Depth to<br>saturated zone | 1.00  | Very limited<br>Depth to<br>saturated zone<br>Too clayey                    | 1.00<br>0.50         |

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|-----------------------------|---------------------------|--|--------------|--|-------|--|-------|
|                             |                           | Rating class and<br>limiting features                    | Value        | Rating class and<br>limiting features      | Value | Rating class and<br>limiting features      | Value |
| C133:<br>Colo-----          | 95                        | Very limited<br>Flooding                                 | 1.00         | Very limited<br>Flooding                   | 1.00  | Very limited<br>Depth to<br>saturated zone | 1.00  |
|                             |                           | Depth to<br>saturated zone<br>Too clayey                 | 1.00<br>0.50 | Depth to<br>saturated zone                 | 1.00  | Too clayey                                 | 0.50  |
| T119:<br>Muscatine-----     | 95                        | Very limited<br>Depth to<br>saturated zone<br>Too clayey | 1.00<br>0.50 | Very limited<br>Depth to<br>saturated zone | 1.00  | Somewhat limited<br>Too clayey             | 0.50  |
|                             |                           |  |              |  |       | Depth to<br>saturated zone                 | 0.09  |
| T120:<br>Tama-----          | 95                        | Somewhat limited<br>Too clayey                           | 0.50         | Not limited                                |       | Somewhat limited<br>Too clayey             | 0.50  |