Marais des Cygnes River Basin
High Priority for Implementation TMDLs

Note: In the following county level maps the High Priority for Implementation Watersheds are shown in pink.

These collection of county maps cover only the Marais des Cygnes Basin. Some counties may have additional High Priority for Implementation Watersheds in other Basins (see Kansas/Lower Republican Basin County Level Maps).
ALLEN COUNTY
TMDL HIGH PRIORITY HUC14 AREAS
WATER QUALITY LIMITED BY DISSOLVED OXYGEN*

DATA SOURCES:
Roads and railroads: U.S. Census (Tiger files)
Political boundaries: KGS/KCDB
Incorporated areas: U.S. Census (Tiger files)
HUC 14 boundaries: NRCS
High priority areas: KDHE
Basin boundary: KDHE/KWO
Hydrology: U.S. Census (Tiger files)
US EPA modified by KDHE
Lambert Conformal Projection
KDHE/BEFS/BOW 8/01 DRAFT

LEGEND
- Incorporated area
- Surface waters
- Roads
- High priority area
- HUC 14 boundary
- County boundary
- Basin boundary
- Registered streams **

* priority set only for Marais des Cygnes River basin
may be limited by other parameters
** * Kansas Register, 1999

TOTAL HIGH PRIORITY AREA*: 42.11 SQ. MILES
TOTAL HIGH PRIORITY REGISTERED STREAMS**: 23.81 MILES
TOTAL COUNTY AREA: 500.06 SQ. MILES
ALLEN COUNTY TMDL HIGH PRIORITY HUC14 AREAS WATER QUALITY LIMITED BY NUTRIENTS*

DATA SOURCES:
- Roads and railroads: US Census (Tiger files)
- Political boundaries: KGskCBDB
- Incorporated areas: US Census (Tiger files)
- HUC14 boundaries: NRCS
- High priority areas: KDHE
- Basin boundary: KDHE/KW
- Hydrology: US Census (Tiger files)
- US EPA modified by KDHE

Lambert Conformal Projection

KDHE/BFS/BOW 6/01 DRAFT

TOTAL HIGH PRIORITY AREA*: 42.11 SQ. MILES
TOTAL HIGH PRIORITY REGISTERED STREAMS**: 23.81 MILES
TOTAL COUNTY AREA: 500.06 SQ. MILES

HIGHER PRIORITY AREAS:
- 10290104010010 38.48 19.71
- 10290104010020 3.63 4.10

TOTAL HIGHER PRIORITY AREA*: 42.11 SQ. MILES
TOTAL HIGHER PRIORITY REGISTERED STREAMS**: 23.81 MILES
ANDERSON COUNTY
TMDL HIGH PRIORITY HUC14 AREAS
WATER QUALITY LIMITED BY DISSOLVED OXYGEN *

DATA SOURCES:
Roads and railroads: US Census (Tiger files)
Political boundaries: KG/KCDB
Incorporated areas: US Census (Tiger files)
HUC 14 boundaries: NRCS
High priority areas: KDHE
Basin boundary: KDHE/KWO
Hydrology: US Census (Tiger files)
US EPA modified by KDHE

Lambert Conformal Projection
KDHE/BFS/BOW 8/01 DRAFT

* priority set only for Marais des Cygnes River basin
** may be limited by other parameters
* * Kansas Register, 1999

TOTAL HIGH PRIORITY AREA*: 248.79 SQ. MILES
TOTAL HIGH PRIORITY REGISTERED STREAMS**: 119.65 MILES
TOTAL COUNTY AREA*: 577.37 SQ. MILES

<table>
<thead>
<tr>
<th>HIGHEST PRIORITY AREA* IN SQUARE MILES:</th>
<th>HIGHEST PRIORITY STREAM MILES (REGISTER**):</th>
</tr>
</thead>
<tbody>
<tr>
<td>10290101050050 13.191 5.98</td>
<td></td>
</tr>
<tr>
<td>10290101050060 30.950 12.84</td>
<td></td>
</tr>
<tr>
<td>10290101050070 57.664 17.63</td>
<td></td>
</tr>
<tr>
<td>10290101050080 20.882 16.06</td>
<td></td>
</tr>
<tr>
<td>10290101050090 29.473 17.47</td>
<td></td>
</tr>
<tr>
<td>10290101060010 53.525 29.76</td>
<td></td>
</tr>
<tr>
<td>10290101060020 36.975 18.46</td>
<td></td>
</tr>
<tr>
<td>10290101060030 6.130 1.45</td>
<td></td>
</tr>
</tbody>
</table>

Marais Des Cygnes

LEGEND
- incorporated area
- surface waters
- road
- high priority area
- HUC 14 boundary
- county boundary
- basin boundary
- registered streams **
BOURBON COUNTY
TMDL HIGH PRIORITY HUC14 AREAS
WATER QUALITY LIMITED BY DISSOLVED OXYGEN*

<table>
<thead>
<tr>
<th>HIGH PRIORITY AREA IN SQUARE MILES</th>
<th>HIGH PRIORITY STREAM MILES (REGISTER**):</th>
</tr>
</thead>
<tbody>
<tr>
<td>10290104010010</td>
<td>5.92 3.31</td>
</tr>
<tr>
<td>10290104010020</td>
<td>32.34 14.92</td>
</tr>
<tr>
<td>10290104010030</td>
<td>28.53 13.09</td>
</tr>
<tr>
<td>10290104010040</td>
<td>46.53 21.23</td>
</tr>
<tr>
<td>10290104010050</td>
<td>38.64 23.44</td>
</tr>
<tr>
<td>10290104010060</td>
<td>35.77 17.55</td>
</tr>
<tr>
<td>10290104010070</td>
<td>46.12 31.19</td>
</tr>
<tr>
<td>10290104010080</td>
<td>33.77 10.79</td>
</tr>
<tr>
<td>10290104020010</td>
<td>59.68 24.11</td>
</tr>
<tr>
<td>10290104020020</td>
<td>36.58 18.40</td>
</tr>
</tbody>
</table>

TOTAL HIGH PRIORITY AREA*: 363.88 SQ. MILES
TOTAL HIGH PRIORITY REGISTERED STREAMS**: 178.03 MILES
TOTAL COUNTY AREA: 632.20 SQ. MILES

DATA SOURCES:
Roads and railroads: US Census (Tiger files)
Political boundaries: KGS/KCDB
Incorporated areas: US Census (Tiger files)
HUC14 boundaries: NRCS
High priority areas: KDHE
Basin boundary: KDHE/KW
Hydrology: US Census (Tiger files)
US EPA modified by KDHE

Lambert Conformal Projection
KDHE/BEFS/BOW 8/01 DRAFT

* priority set only for Marais des Cygnes River basin may be limited by other parameters
** Kansas Register, 1999

LEGEND
Incorporated area: incorporated area
Surface waters: surface waters
Road: road
Railroad: railroad
High priority area: high priority area
HUC14 boundary: HUC14 boundary
County boundary: county boundary
Basin boundary: basin boundary
Registered streams **
BOURBON COUNTY
TMDL HIGH PRIORITY HUC14 AREAS
WATER QUALITY LIMITED BY NUTRIENTS*

DATA SOURCES:
Roads and railroads: U.S. Census (Tiger files)
Political boundaries: KG5/KCDB
Incorporated areas: U.S. Census (Tiger files)
HUC 14 boundaries: NRCS
High priority areas: KDHE
Basin boundary: KDHE/KW0
Hydrology: US EPA modified by KDHE
Lambert Conformal Projection
KDHE/BEFS/BOW 8/01 DRAFT

* priority set only for Marais des Cygnes River basin
** may be limited by other parameters

TOTAL HIGH PRIORITY AREA*: 363.88 SQ. MILES
TOTAL HIGH PRIORITY REGISTERED STREAMS**: 178.03 MILES
TOTAL COUNTY AREA: 632.20 SQ. MILES
CRAWFORD COUNTY
TMDL HIGH PRIORITY HUC14 AREAS
WATER QUALITY LIMITED BY DISSOLVED OXYGEN*

DATA SOURCES:
Roads and railroads: US Census (Tiger files)
Political boundaries: KG5/KCDB
Incorporated areas: US Census (Tiger files)
HUC14 boundaries: NRCS
High priority areas: KDHE
Basin boundary: KDHE/KW O
Hydrology: US Census (Tiger files)
US EPA modified by KDHE
Lambert Conformal Projection
KDHE/BFS/BOW 8/01 DRAFT
CRAWFORD COUNTY
TMDL HIGH PRIORITY HUC14 AREAS
WATER QUALITY LIMITED BY NUTRIENTS*

TOTAL HIGH PRIORITY AREA*: 15.02 SQ. MILES
TOTAL HIGH PRIORITY REGISTERED STREAMS**: 2.91 MILES
TOTAL COUNTY AREA: 588.85 SQ. MILES

DATA SOURCES:
Roads and railroads: US Census (Tiger files)
Political boundaries: KGS/KCDB
Incorporated areas: US Census (Tiger files)
HUC14 boundaries: NRCS
High priority areas: KDHE
Basin boundary: KDHE/KWQO
Hydrology: US Census, US EPA modified by KDHE
Lambert Conformal Projection
KDHE/BEFS/BDW 8/01 DRAFT
DOUGLAS COUNTY
TMDL HIGH PRIORITY HUC14 AREAS
WATER QUALITY LIMITED BY DISSOLVED OXYGEN *

TOTAL HIGH PRIORITY AREA*: 53.33 SQ. MILES
TOTAL HIGH PRIORITY REGISTERED STREAMS**: 16.19 MILES
TOTAL COUNTY AREA: 469.39 SQ. MILES

DATA SOURCES:
Roads and railroads: US Census (Tiger files)
Political boundaries: KGS/KCDB
Incorporated areas: US Census (Tiger files)
HUC14 boundaries: NRCS
High priority areas: KDHE
Basin boundary: KDHE/KWO
Hydrology: US Census (Tiger files)
US EPA modified by KDHE

Lambert Conformal Projection

KDHE/BEFS/BOW 8/01 DRAFT

* priority set only for Marais des Cygnes River basin
** might be limited by other parameters
DOUGLAS COUNTY
TMDL HIGH PRIORITY HUC14 AREAS
WATER QUALITY LIMITED BY EUTROPHICATION*

TOTAL HIGH PRIORITY AREA*: 7.12 SQ. MILES
TOTAL HIGH PRIORITY REGISTERED STREAMS**: 3.75 MILES
TOTAL COUNTY AREA: 469.39 SQ. MILES

DATA SOURCES:
Roads and railroads: US Census (Tiger files)
Political boundaries: KGS/KCDB
Incorporated areas: US Census (Tiger files)
HUC 14 boundaries: NRCS
High priority areas: KDHE
Basin boundary: KDHE/KWD
Hydrology: US Census (Tiger files)
US EPA modified by KDHE
Lambert Conformal Projection
KDHE/BEF/BDW 8/01 DRAFT

* priority set only for Marais des Cygnes River basin may be limited by other parameters
** Kansas Register, 1999
FRANKLIN COUNTY
TMDL HIGH PRIORITY HUC14 AREAS
WATER QUALITY LIMITED BY DISSOLVED OXYGEN *

DATA SOURCES:
Roads and railroads: US Census (Tiger files)
Political boundaries: KGSKCDB
Incorporated areas: US Census (Tiger files)
HUC 14 boundaries: NRCS
High priority areas: KDHE
Basin boundary: KDHE/KWO
Hydrology: US Census (Tiger files)
US EPA modified by KDHE

Lambert Conformal Projection
KDHE/BEFS/BDW 8/01 DRAFT

TOTAL HIGH PRIORITY AREA*: 173.37 SQ. MILES
TOTAL HIGH PRIORITY REGISTERED STREAMS**: 90.81 MILES
TOTAL COUNTY AREA: 570.57 SQ. MILES

* priority set only for Maraids des Cygnes River basin
** May be limited by other parameters
*** Kansas Register, 1999
FRANKLIN COUNTY
TMDL HIGH PRIORITY HUC14 AREAS
WATER QUALITY LIMITED BY EUTROPHICATION*

TOTAL HIGH PRIORITY AREA*: 3.66 SQ. MILES
TOTAL HIGH PRIORITY REGISTERED STREAMS**: 3.20 MILES
TOTAL COUNTY AREA: 570.67 SQ. MILES

DATA SOURCES:
Roads and railroads: US Census (Tiger files)
Political boundaries: KGIS/KGDB
Incorporated areas: US Census (Tiger files)
HUC14 boundaries: NRCS
High priority areas: KDHE
Basin boundary: KDHE/KWQ
Hydrology: US Census (Tiger files)
US EPA modified by KDHE
Lambert Conformal Projection
KDHE/BEFS/BOW 8/01 DRAFT

* priority set only for Marak, dex Cygnes River basin
may be limited by other parameters
** Kansas Register, 1999
FRANKLIN COUNTY
TMDL HIGH PRIORITY HUC14 AREAS
WATER QUALITY LIMITED BY FECAL COLIFORM BACTERIA*

TOTAL HIGH PRIORITY AREA*: 164.75 SQ. MILES
TOTAL HIGH PRIORITY REGISTERED STREAMS**: 100.49 MILES
TOTAL COUNTY AREA: 570.67 SQ. MILES

DATA SOURCES:
Roads and railroads: US Census (Tiger files)
Political boundaries: KGS/KCDB
Incorporated areas: US Census (Tiger files)
HUC14 boundaries: NRCS
High priority areas: KDHE
Basin boundary: KDHE/KW
Hydrology: US Census (Tiger files)
US EPA modified by KDHE

Lambert Conformal Projection

* priority set only for Marais des Cygnes River basin
** may be limited by other parameters
*** Kansas Register, 1999
TOTAL COUNTY AREA: 474.49 SQ. MILES
TOTAL HIGH PRIORITY REGISTERED STREAMS**: 25.06 MILES
TOTAL HIGH PRIORITY AREA*: 64.52 SQ. MILES
TOTAL COUNTY AREA: 474.49 SQ. MILES

DATA SOURCES:
Roads and railroads: US Census (Tiger files)
Political boundaries: KGS/KCDB
Incorporated areas: US Census (Tiger files)
HUC14 boundaries: NRCS
High priority areas: KDHE
Basin boundary: KDHE/KWO
Hydrology: US Census (Tiger files)
US EPA modified by KDHE

Lambert Conformal Projection
KDHE/BFS/BOW 8/01 DRAFT

LEGEND
- Incorporated area
- Surface waters
- Railroad
- High priority area
- HUC14 boundary
- County boundary
- Basin boundary
- Registered streams**

* Priority set only for Marais des Cygnes River basin may be limited by other parameters
** Kansas Register, 1999
LINN COUNTY
TMDL HIGH PRIORITY HUC14 AREAS
WATER QUALITY LIMITED BY DISSOLVED OXYGEN*

TOTAL HIGH PRIORITY AREA*: 30.72 SQ. MILES
TOTAL HIGH PRIORITY REGISTERED STREAMS**: 23.60 MILES
TOTAL COUNTY AREA: 599.78 SQ. MILES

DATA SOURCES:
Roads and railroads: US Census (Tiger files)
Political boundaries: KGS/KCDB
Incorporated areas: US Census (Tiger files)
HUC14 boundaries: NRCS
High priority areas: KDHE
Basin boundary: KDHE/KW
Hydrology: US Census (Tiger files)
US EPA modified by KDHE
Lambert Conformal Projection
KDHE/BEFS/BOW 8/01 DRAFT

* priority set only for Marais des Cygnes River basin may be limited by other parameters
** Kansas Register, 1999
LINN COUNTY
TMDL HIGH PRIORITY HUC14 AREAS
WATER QUALITY LIMITED BY EUTROPHICATION*

TOTAL HIGH PRIORITY AREA*: 10.72 SQ. MILES
TOTAL HIGH PRIORITY REGISTERED STREAMS**: 6.22 MILES
TOTAL COUNTY AREA: 599.78 SQ. MILES

DATA SOURCES:
Roads and railroads: US Census (Tiger files)
Political boundaries: KG5/KCDB
Incorporated areas: US Census (Tiger files)
HUC14 boundaries: NRCS
High priority areas: KDHE
Basin boundary: KDHE/KWIO
Hydrology: US Census (Tiger files)
US EPA modified by KDHE

LEGEND
incorporated area
surface waters
railroad
high priority area
HUC14 boundary
county boundary
basin boundary
registered streams **

* priority set only for Marais des Cygnes River basin
** Kansas Register, 1999
LINN COUNTY
TMDL HIGH PRIORITY HUC14 AREAS
WATER QUALITY LIMITED BY pH*

TOTAL HIGH PRIORITY AREA*: 10.72 SQ. MILES
TOTAL HIGH PRIORITY REGISTERED STREAMS**: 6.22 MILES
TOTAL COUNTY AREA: 599.78 SQ. MILES

LEGEND
- Incorporated area
- Roads and railroads
- High priority area
- HUC14 boundary
- Basin boundary
- Registered streams **

DATA SOURCES:
- Roads and railroads: US Census (Tiger files)
- Political boundaries: KGSA/KCDB
- Incorporated areas: US Census (Tiger files)
- HUC14 boundaries: NRCS
- High priority areas: KDHE
- Basin boundary: KDHE/KWDO
- Hydrology: US Census (Tiger files)
- US EPA modified by KDHE
- Lambert Conformal Projection

KDHE/BEFS/CGW 8/01 DRAFT

* priority set only for Marais des Cygnes River basin may be limited by other parameters
** Kansas Register, 1999
LINN COUNTY
TMDL HIGH PRIORITY HUC14 AREAS
WATER QUALITY LIMITED BY SILTATION*

Data Sources:
- Roads and railroads: US Census (Tiger files)
- Political boundaries: KG/KCDB
- Incorporated areas: US Census (Tiger files)
- HUC 14 boundaries: NRCS
- High priority areas: KDHE
- Basin boundary: KDHE/KWO
- Hydrology: US Census (Tiger files)
- US EPA modified by KDHE
- Lambert Conformal Projection

Legend:
- Incorporated area
- Roads
- Rail
- High priority area
- HUC 14 boundary
- Registered streams**

Legend:
- Incorporated area
- Roads
- Rail
- High priority area
- HUC 14 boundary
- Registered streams**

Total High Priority Area*: 10.72 SQ. MILES
Total High Priority Registered Streams**: 6.22 MILES
Total County Area: 599.78 SQ. MILES

TOTAL COUNTY AREA: 599.78 SQ. MILES
TOTAL HIGH PRIORITY AREA*: 10.72 SQ. MILES
TOTAL HIGH PRIORITY REGISTERED STREAMS**: 6.22 MILES

* priority set only for Maquis des Cygnes River basin may be limited by other parameters
** Kansas Register, 1999

KDHE/BEFS/BOW 881 DRAFT
LYON COUNTY

TMDL HIGH PRIORITY HUC14 AREAS
WATER QUALITY LIMITED BY DISSOLVED OXYGEN*

TOTAL COUNTY AREA: 846.22 SQ. MILES
TOTAL HIGH PRIORITY AREA*: 115.66 SQ. MILES
TOTAL HIGH PRIORITY REGISTERED STREAMS**: 80.71 MILES
TOTAL COUNTY AREA: 846.22 SQ. MILES

DATA SOURCES:
Roads and railroads: US Census (Tiger files)
Political boundaries: KGS/KCDB
Incorporated areas: US Census (Tiger files)
HUC14 boundaries: NRCS
High priority areas: KDHE
Basin boundary: KDHE/KWO
Hydrology: US EPA (Tiger files)
US EPA modified by KDHE
Lambert Conformal Projection
KDHE/BEFS/BOW 8/01 DRAFT

* priority set only for Marais des Cygnes River basin
may be limited by other parameters
** Kansas Register, 1999
LYON COUNTY
TMDL HIGH PRIORITY HUC14 AREAS
WATER QUALITY LIMITED BY EUTROPHICATION*

TOTAL HIGH PRIORITY AREA*: 5.85 SQ. MILES
TOTAL HIGH PRIORITY REGISTERED STREAMS**: 0 MILES
TOTAL COUNTY AREA: 846.22 SQ. MILES

DATA SOURCES:
Roads and railroads: US Census (Tiger files)
Political boundaries: KGS/KCDB
Incorporated areas: US Census (Tiger files)
HUC14 boundaries: NRCS
High priority areas: KDHE
Basin boundary: KDHE/KWO
Hydrology: US Census (Tiger files)
US EPA modified by KDHE

Lambert Conformal Projection
KDHE.BEFS.BOW 8/01 DRAFT

* priority set only for Marais des Cygnes River basin
   may be limited by other parameters
** Kansas Register, 1999
LYON COUNTY
TMDL HIGH PRIORITY HUC14 AREAS
WATER QUALITY LIMITED BY FECAL COLIFORM BACTERIA*

DATA SOURCES:
- Roads and railroads: US Census (Tiger files)
- Political boundaries: KGS/K.CDB
- Incorporated areas: US Census (Tiger files)
- HUC14 boundaries: NRCS
- High priority areas: KDHE
- Basin boundary: KOHE/K.WO
- Hydrology: US Census (Tiger files)
- US EPA modified by KDHE
- Lambert Conformal Projection
- KOHE/BEFS/BOW 8/01 DRAFT

* priority set only for Marais des Cygnes River basin may be limited by other parameters
* Kansas Register, 1999

TOTAL HIGH PRIORITY AREA*: 109.81 SQ. MILES
TOTAL HIGH PRIORITY REGISTERED STREAMS**: 80.71 MILES
TOTAL COUNTY AREA: 846.22 SQ. MILES

<table>
<thead>
<tr>
<th>TMDL HIGH PRIORITY AREA IN SQUARE MILES:</th>
<th>TMDL HIGH PRIORITY STREAM MILES (REGISTER**):</th>
</tr>
</thead>
<tbody>
<tr>
<td>31.138</td>
<td>19.4500</td>
</tr>
<tr>
<td>31.122</td>
<td>27.0600</td>
</tr>
<tr>
<td>37.000</td>
<td>28.9900</td>
</tr>
<tr>
<td>10.549</td>
<td>5.2100</td>
</tr>
</tbody>
</table>

* priority set only for Marais des Cygnes River basin may be limited by other parameters
** Kansas Register, 1999
LYON COUNTY
TMDL HIGH PRIORITY HUC14 AREAS
WATER QUALITY LIMITED BY Siltation*

TOTAL HIGH PRIORITY AREA*: 5.85 SQ. MILES
TOTAL HIGH PRIORITY REGISTERED STREAMS**: 0 MILES
TOTAL COUNTY AREA: 846.22 SQ. MILES

DATA SOURCES:
Roads and railroads: US Census (Tiger files)
Political boundaries: KGS/KCDB
Incorporated areas: US Census (Tiger files)
HUC14 boundaries: NRCS
High priority areas: KDHE
Basin boundary: KDHE/KWO
Hydrology: US Census (Tiger files)
US EPA modified by KDHE

Lambert Conformal Projection
KDHE/BEFS/BOW 8/01 DRAFT

* priority set only for Marais des Cygnes River basin
** may be limited by other parameters
*** Kansas Register, 1999
MIAMI COUNTY
TMDL HIGH PRIORITY HUC14 AREAS
WATER QUALITY LIMITED BY DISSOLVED OXYGEN*

TOTAL HIGH PRIORITY AREA*: 81.98 SQ. MILES
TOTAL HIGH PRIORITY REGISTERED STREAMS**: 44.94 MILES
TOTAL COUNTY AREA: 583.85 SQ. MILES

** priority set only for Marais des Cygnes River basin may be limited by other parameters
** Kansas Register, 1999

DATA SOURCES:
Roads and railroads: US Census (Tiger files)
Political boundaries: KG6/KCDB
Incorporated areas: US Census (Tiger files)
HUC14 boundaries: NRCS
High priority areas: KDHE
Basin boundary: KDHE/KWD
Hydrology: US Census (Tiger files)
US EPA modified by KDHE

Lambert Conformal Projection
KDHE/BEFS/BOW 8/01 DRAFT
MIAMI COUNTY
TMDL HIGH PRIORITY HUC14 AREAS
WATER QUALITY LIMITED BY EUTROPHICATION*

DATA SOURCES:
- Roads and railroads: US Census (Tiger files)
- Political boundaries: KGS/KCDB
- Incorporated areas: US Census (Tiger files)
- HUC14 boundaries: NRCS
- High priority areas: KDHE
- Basin boundary: KDHE/KWD
- Hydrology: US Census (Tiger files)
- US EPA modified by KDHE

Lambert Conformal Projection
KDHE@EFS/BOW 8/01 DRAFT

LEGEND
- incorporated area
- surface waters
- railroad
- road
- high priority area
- HUC14 boundary
- county boundary
- basin boundary
- registered streams **

TOTAL HIGH PRIORITY AREA*: 59.37 SQ. MILES
TOTAL HIGH PRIORITY REGISTERED STREAMS**: 10.35 MILES
TOTAL COUNTY AREA: 583.85 SQ. MILES

<table>
<thead>
<tr>
<th></th>
<th>HIGH PRIORITY AREA* IN SQUARE MILES</th>
<th>HIGH PRIORITY STREAM MILES (REGISTER**):</th>
</tr>
</thead>
<tbody>
<tr>
<td>10290102010010</td>
<td>7.52</td>
<td>0.00</td>
</tr>
<tr>
<td>10290102010020</td>
<td>42.56</td>
<td>8.96</td>
</tr>
<tr>
<td>10290102010030</td>
<td>16.81</td>
<td>1.39</td>
</tr>
</tbody>
</table>

* priority set only for Marais des Cygnes River basin may be limited by other parameters
** Kansas Register, 1999
MIAIwI COUNTY
TMDL HIGH PRIORITY HUC14 AREAS
WATER QUALITY LIMITED BY FECAL COLIFORM BACTERIA*

<table>
<thead>
<tr>
<th>HIGH PRIORITY AREA* IN SQUARE MILES:</th>
<th>HIGH PRIORITY STREAM MILES (REGISTER**):</th>
</tr>
</thead>
<tbody>
<tr>
<td>10290101010060</td>
<td>21.455   9.98</td>
</tr>
<tr>
<td>10290101070070</td>
<td>44.149   21.80</td>
</tr>
</tbody>
</table>

TOTAL HIGH PRIORITY AREA*: 65.60 SQ. MILES
TOTAL HIGH PRIORITY REGISTERED STREAMS**: 31.78 MILES
TOTAL COUNTY AREA: 583.85 SQ. MILES

DATA SOURCES:
Roads and railroads: U.S. Census (Tiger files)
Political boundaries: KG5/KCDB
Incorporated areas: U.S. Census (Tiger files)
HUC 14 boundaries: NRCS
High priority areas: KDHE
Basin boundary: KDHE/KW0
Hydrology: U.S. Census (Tiger files)
US EPA modified by KDHE

Lambert Conformal Projection

* priority set only for Marais des Cygnes River basin may be limited by other parameters
** Kansas Register, 1999

KDHE/BEFS/BOW 8/01 DRAFT
OSAGE COUNTY
TMDL HIGH PRIORITY HUC14 AREAS
WATER QUALITY LIMITED BY EUTROPHICATION*

TOTAL HIGH PRIORITY AREA*: 248.52 SQ. MILES
TOTAL HIGH PRIORITY REGISTERED STREAMS**: 105.89 MILES
TOTAL COUNTY AREA: 711.84 SQ. MILES

* priority set only for Marais des Cygnes River basin
** priority set only for Marais des Cygnes River basin
may be limited by other parameters
** Kansas Register, 1989

DATA SOURCES:
Roads and railroads: US Census (Tiger files)
Political boundaries: KGSS/KCDB
Incorporated areas: US Census (Tiger files)
HUC 14 boundaries: NRCS
High priority areas: KDHE
Basin boundary: KDHE/KWD
Hydrology: US Census (Tiger files)
US EPA modified by KDHE
Lambert Conformal Projection

KDHE/BEFS/SOW 8/01 DRAFT
OSAGE COUNTY
TM DL HIGH PRIORITY HUC14 AREAS
WATER QUALITY LIMITED BY FECAL COLIFORM BACTERIA*

TOTAL HIGH PRIORITY AREA*: 26.46 SQ. MILES
TOTAL HIGH PRIORITY REGISTERED STREAMS**: 5.18 MILES
TOTAL COUNTY AREA: 711.84 SQ. MILES

DATA SOURCES:
Roads and railroads: US Census (Tiger files)
Political boundaries: KGS/KCDB
Incorporated areas: US Census (Tiger files)
HUC14 boundaries: NRCS
High priority areas: KDHE
Basin boundary: KDHE/KWO
Hydrology: US Census (Tiger files) US EPA modified by KDHE
Lambert Conformal Projection
KDHE/BFS/BFW 8/01 DRAFT

* priority set only for Marais des Cygnes River basin may be limited by other parameters
** Kansas Register, 1999
OSAGE COUNTY
TMDL HIGH PRIORITY HUC14 AREAS
WATER QUALITY LIMITED BY SILTATION*

TOTAL HIGH PRIORITY AREA*: 248.52 SQ. MILES
TOTAL HIGH PRIORITY REGISTERED STREAMS**: 105.89 MILES
TOTAL COUNTY AREA: 711.84 SQ. MILES

DATA SOURCES:
Roads and railroads: US Census (Tiger files)
Political boundaries: KGS/KCDB
Incorporated areas: US Census (Tiger files)
HUC14 boundaries: NRCS
High priority areas: KDHE
Basin boundary: KDHE/KWO
Hydrology: US EPA modified by KDHE
Lambert Conformal Projection
KDHE/BEFS/BOW 8/01 DRAFT

* priority set only for Marais des Cygnes River basin
** Kansas Register, 1999

Legend:
- Incorporated area
- Surface waters
- Road
- High priority area
- HUC14 boundary
- County boundary
- Basin boundary
- Registered streams **
WABAUNSEE COUNTY
TMDL HIGH PRIORITY HUC14 AREAS
WATER QUALITY LIMITED BY DISSOLVED OXYGEN *

TOTAL HIGH PRIORITY AREA*: 70.49 SQ. MILES
TOTAL HIGH PRIORITY REGISTERED STREAMS**: 46.56 MILES
TOTAL COUNTY AREA: 790.08 SQ. MILES

DATA SOURCES:
Reads and railroads: US Census (Tiger files)
Political boundaries: KG5/KCDB
Incorporated areas: US Census (Tiger files)
HUC 14 boundaries: NRCS
High priority areas: KDHE
Basin boundary: KORE/KWO
Hydrology: US Census (Tiger files)
US EPA modified by KDHE
Lambert Conformal Projection

* priority set only for Marais des Cygnes River basin may be limited by other parameters
** Kansas Register, 1999
WABAUNSEE COUNTY
TMDL HIGH PRIORITY HUC14 AREAS
WATER QUALITY LIMITED BY EUTROPHICATION*

TOTAL HIGH PRIORITY AREA*: 64.65 SQ. MILES
TOTAL HIGH PRIORITY REGISTERED STREAMS**: 42.64 MILES
TOTAL COUNTY AREA: 790.08 SQ. MILES

* priority set only for Marais des Cygnes River basin may be limited by other parameters
** Kansas Register, 1999

DATA SOURCES:
Roads and railroads: US Census (Tiger files)
Political boundaries: KGS/KCDB
Incorporated areas: US Census (Tiger files)
HUC 14 boundaries: NRCS
High priority areas: KDHE
Basin boundary: KDHE/KWOG
Hydrology: US Census (Tiger files) US EPA modified by KDHE
Lambert Conformal Projection
KDHE/BEFS/BOW 8/01 DRAFT
**WABAUNSEE COUNTY**

**TMDL HIGH PRIORITY HUC14 AREAS**

WATER QUALITY LIMITED BY FECAL COLIFORM BACTERIA *

<table>
<thead>
<tr>
<th>HIGH PRIORITY AREA* IN SQUARE MILES:</th>
<th>HIGH PRIORITY STREAM MILES (REGISTER**):</th>
</tr>
</thead>
<tbody>
<tr>
<td>1029010101010030</td>
<td>5.835</td>
</tr>
<tr>
<td></td>
<td>3.92</td>
</tr>
</tbody>
</table>

TOTAL HIGH PRIORITY AREA*: 5.83 SQ. MILES
TOTAL HIGH PRIORITY REGISTERED STREAMS**: 3.92 MILES
TOTAL COUNTY AREA: 790.08 SQ. MILES

**DATA SOURCES:**
- Roads and railroads: US Census (Tiger files)
- Political boundaries: KG5/KCDB
- Incorporated areas: US Census (Tiger files)
- HUC14 boundaries: NRCS
- High priority areas: KDHE
- Basin boundary: KDHE/KWO
- Hydrology: US Census (Tiger files)
- US EPA modified by KDHE
- Lambert Conformal Projection

* priority set only for Marais des Cygnes River basin may be limited by other parameters
** Kansas Register, 1999

**LEGEND**
- Incorporated area
- Surface waters
- Railroad
- Road
- High priority area
- HUC14 boundary
- County boundary
- Basin boundary
- Registered streams **

KDHE/BEFS/BOW 8/01 DRAFT
WABAUNSEE COUNTY
TMDL HIGH PRIORITY HUC14 AREAS
WATER QUALITY LIMITED BY Siltation *

TOTAL HIGH PRIORITY AREA*: 70.49 SQ. MILES
TOTAL HIGH PRIORITY REGISTERED STREAMS**: 46.56 MILES
TOTAL COUNTY AREA: 790.08 SQ. MILES

DATA SOURCES:
Roads and railroads: US Census (Tiger files)
Political boundaries: KG5/KCDB
Incorporated areas: US Census (Tiger files)
HUC14 boundaries: NRCS
High priority areas: KDHE
Basin boundary: KDSHE/WO
Hydrology: US Census (Tiger files)
US EPA modified by KDHE
Lambert Conformal Projection
KDHE/BFS/BOW 8/01 DRAFT

LEGEND
- Incorporated area
- Surface waters
- Highway
- High priority area
- HUC14 boundary
- County boundary
- Basin boundary
- Registered streams **

* High Priority Area* in Square Miles:
102901010100030 5.835 3.92
102901010100040 44.615 31.89
102901010100050 5.775 2.13
102901010100060 14.263 8.62

** Registered Streams**

- parade des Cygnes River basin
- may be limited by other parameters

* Kan sas Register, 1999

KDHE/BFS/BOW 8/01 DRAFT