Mississippi River – Brainerd (56 minor watersheds):

Part 2:

10086 Dean Bk
10087 Unknown DNR Minor Watershed Name
10088 From Black Bear L.
10089 Rabbit R
10090 Serpent Cr
10091 Cedar Bk
10092 Blackhoof Cr
10093 Unknown DNR Minor Watershed Name
10094 Unknown DNR Minor Watershed Name
10095 Sand Cr
10096 Hay Cr
10097 Unknown DNR Minor Watershed Name
10098 Sand Cr
10099 Whiteley Cr
10100 Little Buffalo Cr
10101 Buffalo Cr
10102 Unknown DNR Minor Watershed Name
<table>
<thead>
<tr>
<th>Minor Watershed #</th>
<th>10087</th>
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<tbody>
<tr>
<td><strong>Major Watershed Name</strong></td>
<td>Mississippi River - Brainerd</td>
</tr>
<tr>
<td><strong>Area (sq. miles)</strong></td>
<td>6</td>
</tr>
<tr>
<td><strong>Population 2010</strong> (persons per sq. mile)</td>
<td>6</td>
</tr>
<tr>
<td><strong>Population Change 2000 to 2010</strong> (persons per sq. mile)</td>
<td>2</td>
</tr>
<tr>
<td><strong>Surficial Geology</strong></td>
<td>Glacial Till</td>
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<tr>
<td><strong>% Slope (avg.)</strong></td>
<td>10</td>
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<tr>
<td><strong>% Forested (private)</strong></td>
<td>16</td>
</tr>
<tr>
<td><strong>% Developed</strong></td>
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<tr>
<td><strong>Extractive Uses</strong></td>
<td>Minimal</td>
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<tr>
<td><strong>% of Animal Units</strong></td>
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</tr>
<tr>
<td><strong>Biological Diversity</strong></td>
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</tr>
<tr>
<td><strong>% Public Land</strong></td>
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</tr>
<tr>
<td><strong>% Easements</strong></td>
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</tr>
<tr>
<td><strong>% Lakes</strong></td>
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<tr>
<td><strong>% Streams</strong></td>
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</tr>
<tr>
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<td>17</td>
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<tr>
<td><strong>% Protected</strong></td>
<td>47</td>
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### Assigned Risk Level

<table>
<thead>
<tr>
<th>Implementation Priorities</th>
<th>Vigilance</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Surface Water</strong></td>
<td></td>
</tr>
<tr>
<td>Stormwater</td>
<td>x</td>
</tr>
<tr>
<td>Shoreline Buffers</td>
<td>x</td>
</tr>
<tr>
<td>Lake Focus: Recreational Use &amp; Development</td>
<td>x</td>
</tr>
<tr>
<td>Lake Focus: Wild Rice / Wildlife</td>
<td>x</td>
</tr>
<tr>
<td>Rivers / Floodplains</td>
<td></td>
</tr>
<tr>
<td>Agricultural BMPs</td>
<td></td>
</tr>
<tr>
<td>Ecological Sensitive Areas</td>
<td>x</td>
</tr>
<tr>
<td>Bluffs &amp; Steep Slopes</td>
<td></td>
</tr>
<tr>
<td>Public &amp; Private Drainage Development</td>
<td>(existing and potential)</td>
</tr>
<tr>
<td>Private Forest Stewardship</td>
<td>x</td>
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</table>

### Ground Water

<table>
<thead>
<tr>
<th>Public &amp; Private Drainage</th>
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</tr>
</thead>
<tbody>
<tr>
<td>State Park</td>
<td></td>
</tr>
<tr>
<td>State Recreation Area</td>
<td></td>
</tr>
<tr>
<td>Scientific and Natural Area Boundaries</td>
<td></td>
</tr>
<tr>
<td>Wildlife Management Areas</td>
<td></td>
</tr>
<tr>
<td>Conservation Easements</td>
<td></td>
</tr>
<tr>
<td>Public Land</td>
<td></td>
</tr>
<tr>
<td>Seepage Systems</td>
<td></td>
</tr>
<tr>
<td>Wellhead Protection</td>
<td></td>
</tr>
</tbody>
</table>

### Feedlots (by primary animal)

- BIRDS
- BOVINES
- HORSES
- PIGS
- Water Access Sites

### Trout, Rice, and Cisco Lakes

- Cisco
- Cisco and Wild Rice
- Cisco and Trout
- Wild Rice
- Trout

### Infested Lakes

- Milfoil
- Milfoil, Zebra Mussels
- Zebra Mussels

### Lakes (Classification & Water Quality Status)

- General Development (GD)
- Recreational Development (RD)
- Natural Environment (NE)
- Natural Environment-Special Shallow (NE-SS)
- Impaired: Nutrients
- Improving
- Declining
- No Trend
- No Trend / Declining
- Multiple Trends
- Not Assessed

### Major Watershed

- Mississippi River - Brainerd

### Minor Watershed

- Lower Dean (18-170 P)
- Upper Dean (18-170 P)
- Terry (18-162 P)
- Nelson (18-164 P)
- Stark (18-169 P)
- Sullivan (18-163 P)
- Cartie (1-189 P)

### Water Use:

- Air Conditioning
- Industrial Processing
- Crop
- Non Crop
- Special Categories

### Groundwater Protection

- Wells
- Seepage Systems
**Minor Watershed #** 10093

**Major Watershed Name** Mississippi River - Brainerd

**Area (sq. miles)** 13

**Population 2010** (persons per sq. mile) 1

**Population Change 2000 to 2010** (persons per sq. mile) 1

**Surficial Geology** Outwash (sand & gravel)

**% Slope (avg.)** 9

**% Forested (private)** 32

**% Disturbed Land Cover** 12

**% Developed** 2

**Extractive Uses** Minimal

**# of Animal Units** 0

**Biological Diversity** High

**% Public Land** 28

**% Easements** 0

**% Lakes** 11

**% Streams** 0

**% Wetlands (private)** 25

**% Protected** 64

**Assigned Risk Level** Protection

**Implementation Priorities**

- Top 24 Priority Watershed
  - Surface Water
- Aquatic Invasive Species
- Stormwater
- Shoreline Buffers
- Lake Focus: Recreational Use & Development
- Lake Focus: Wild Rice / Wildlife
- Rivers / Floodplains
- Agricultural BMPs
- Ecological Sensitive Areas
- Bluffs & Steep Slopes
- Public & Private Drainage
- Development (existing and potential)
- Private Forest Stewardship

**Ground Water**

- Septic Systems

**Wellhead Protection**

- State Park
- State Recreation Area
- Scientific and Natural Area Boundaries
- Wildlife Management Areas
- Conservation Easements
- Public Land
- 30 Lakes Watershed District
- Outlets of watersheds / catchments
- Minor Watersheds
- Major Watersheds

**Public Waterworks**

- Water Use: Air Conditioning
- Water Use: Industrial Processing
- Water Access Sites
- Water Use: Special Categories
- Drinking Water Source Protection Areas

**Disturbed Land Use**

- Active Gravel Pits
- County Roads
- State Highways
- U.S. Highways
- Caves / Townships
- Streams
- Mississippi River
- Paul Bunyan State Trail
- Ponds
- BIRDS
- PIGS
- BOVINES
- HORSES
- Forested (private)

**Extractive Uses**

- Minimal

**Biological Diversity**

- High

**Public Land**

- 28%

**Easements**

- 0%

**Lakes**

- 11%

**Streams**

- 0%

**Wetlands (private)**

- 25%

**Protected**

- 64%

**Risk Level**

- Protection

**Surface Water**

- Aquatic Invasive Species
- Stormwater
- Shoreline Buffers
- Lake Focus: Recreational Use & Development
- Lake Focus: Wild Rice / Wildlife
- Rivers / Floodplains
- Agricultural BMPs
- Ecological Sensitive Areas
- Bluffs & Steep Slopes
- Public & Private Drainage
- Development (existing and potential)
- Private Forest Stewardship

**Lakes (Classification & Water Quality Status)**

- General Development (ID)
- Recreational Development (RD)
- Natural Environment (NE)
- Natural Environment-Special Shallow (NE-SS)
- Impaired: Nutrients
- Improving
- Declining
- No Trend
- No Trend / Declining
- Multiple Trends
- Not Assessed

**Public Drainage**

- Septic Systems

**Wellhead Protection**

- State Park
- State Recreation Area
- Scientific and Natural Area Boundaries
- Wildlife Management Areas
- Conservation Easements
- Public Land
- 30 Lakes Watershed District
- Outlets of watersheds / catchments
- Minor Watersheds
- Major Watersheds
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<td>Major Watershed Name</td>
<td>Mississippi River - Brainerd</td>
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<tr>
<td>% Disturbed Land Cover</td>
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<td>% Lakes</td>
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<td></td>
<td>Septic Systems</td>
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<td></td>
<td>Wellhead Protection</td>
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</table>

**Public Waterworks**

- Water Use: Air Conditioning
- Irrigation: Crop
- Irrigation: Non Crop
- Water Use: Special Categories
- Water Access Sites

**Feedlots (by primary animal)**

- BIRDS
- BOVINES
- HORSES
- PIGS

**Trout, Rice, and Cisco Lakes**

- Cisco
- Cisco and Wild Rice
- Cisco and Trout
- Wild Rice
- Trout
- Mitfoi
- Mitfoi, Zebra Mussels
- Zebra Mussels
- Mitfoi, Zebra Mussels, Spiny Water Flea

**Ditch 3**

- Little Buffalo Cr (impaired)
- County Ditches
- Wetlands (from NWI)

**Lakes (Classification & Water Quality Status)**

- General Development (GD)
- Recreational Development (RD)
- Natural Environment (NE)
- Natural Environment-Special Shallow (NE-SS)
- Impaired: Nutrients
- Improving
- Declining
- No Trend
- No Trend / Declining
- Multiple Trends
- Not Assessed

**Protected Waters**

- State Park
- State Recreation Area
- Scientific and Natural Area Boundaries
- Wildlife Management Areas
- Conservation Easements
- Public Land
- 30 Lakes Watershed District
- Outlets of watersheds / catchments

**Land Services**

- Public Waterworks
- State Park
- State Recreation Area
- Scientific and Natural Area Boundaries
<table>
<thead>
<tr>
<th>Name</th>
<th>Area (sq. miles)</th>
<th>Population 2010 (persons per sq. mile)</th>
<th>Population Change 2000 to 2010 (persons per sq. mile)</th>
<th>% Slope (avg.)</th>
<th>% Forested (private)</th>
<th>% Disturbed Land Cover</th>
<th>% Developed</th>
<th>% Public Land</th>
<th>% Easements</th>
<th>% Streams</th>
<th>% Wetlands (private)</th>
<th>% Protected</th>
<th>Assigned Risk Level</th>
<th>Implementation Priorities</th>
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<td>25</td>
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<td>Surface Water:&lt;br&gt; Aquatic Invasive Species&lt;br&gt; Stormwater&lt;br&gt; Shoreline Buffers&lt;br&gt; Lake Focus: Recreational Use &amp; Development&lt;br&gt; Lake Focus: Wild Rice / Wildlife&lt;br&gt; Rivers / Floodplains&lt;br&gt; Agricultural BMPs&lt;br&gt; Ecological Sensitive Areas&lt;br&gt; Bluffs &amp; Steep Slopes&lt;br&gt; Public &amp; Private Drainage&lt;br&gt; Development (existing and potential)&lt;br&gt; Private Forest Stewardship</td>
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