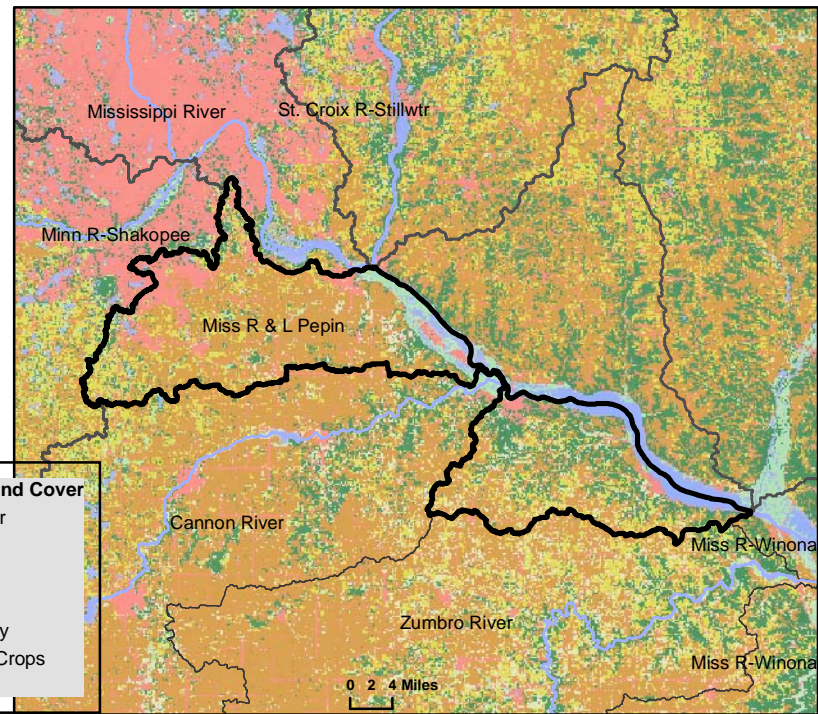


Miss R & L Pepin

WATERSHED HEALTH ASSESSMENT SCORES

Mean (average) Health Score 50
Minimum Health Index Score 5
Minimum Health Index: Connectivity - Aquatic

Watershed Assessment Tool
http://www.dnr.state.mn.us/watershed_tool



Watershed Health Scores compare and rank various aspects of ecological health across Minnesota. Index values are based on a variety of data sources, calculations and scientific approaches. Each index is scored on a scale from 0 to 100, with 0 being the least desirable result or condition to 100 being the best existing condition or most desirable result. Major watershed scale rankings may mask the range of conditions that occur at more local scales. A high score may indicate the least impacted condition in Minnesota, not necessarily a healthy condition.

COMPONENT SCORES

HYDROLOGY	GEOMORPHOLOGY	BIOLOGY	CONNECTIVITY	WATER QUALITY
Mean (Ave.) 74 Minimum Index 41	Mean (Ave.) 54 Minimum Index 15	Mean (Ave.) 37 Minimum Index 15	Mean (Ave.) 31 Minimum Index 5	Mean (Ave.) 54 Minimum Index 36
INDEX SCORES Perennial Cover 41 Impervious Cover 73* Withdrawal 91* Storage 92 Flow Variability 74 Metric Sub-Scores Storage: Stream/Ditch Ratio 100 Surface storage 85	INDEX SCORES Soil Erosion Susceptibility 57 Groundwater Susceptibility 15 Climate Vulnerability 89	INDEX SCORES Terrestrial Habitat Quality 15 Stream Species 56 Species Richness 51 At-Risk Species Richness 27	INDEX SCORES Terrestrial Habitat Connectivity 19 Aquatic Connectivity 5 Riparian Connectivity 69 Metric Sub-Scores Aquatic Connectivity: Bridges/Culverts 4 Dams 5	INDEX SCORES Non-Point Source 36 Point Source 76* Assessments 50 Metric Sub-Scores Non-Point Source: Nutrient Application 71 Riparian Impervious 0

*These index values are influenced by very low scores associated with dense urban use of resources. This gives comparatively high scores for outstate Minnesota. Viewing input data is necessary to evaluate possible watershed scale concerns.