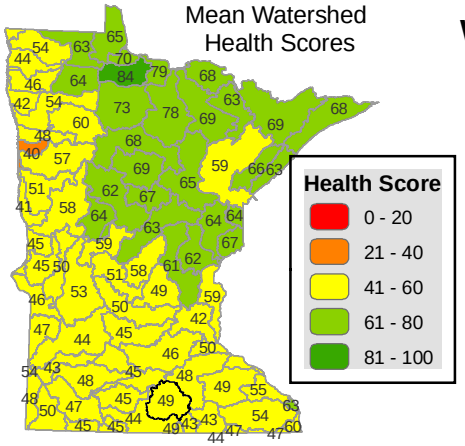
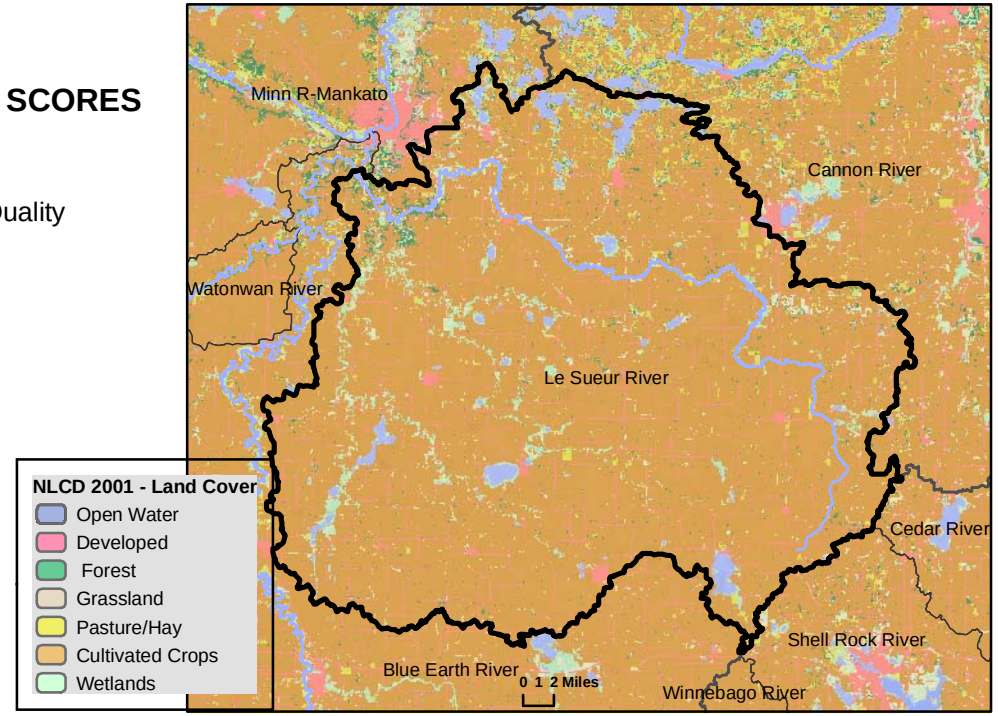
Le Sueur River

WATERSHED HEALTH ASSESSMENT SCORES



Mean (average) Health Score	49
Minimum Health Index Score	1
Minimum Health Index:	Biology - Habitat Quality

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 condtion 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

Mean (Ave.)	60
Minimum Index	9

INDEX SCORES

Perennial Cover	9
Impervious Cover	93 *
Withdrawal	99 *
Storage	35
Flow Variability	65

Metric Sub-Scores
Storage:

Stream/Ditch Ratio	53
Surface storage	18

GEOMORPHOLOGY

Mean (Ave.)	74
Minimum Index	55

INDEX SCORES

Soil Erosion Susceptibility	76
Groundwater Susceptibility	55
Climate Vulnerability	92

BIOLOGY

Mean (Ave.)	38
Minimum Index	1

INDEX SCORES

Terrestrial Habitat Quality	1
Stream Species	76
Species Richness	56
At-Risk Species Richness	18

CONNECTIVITY

Mean (Ave.)	19
Minimum Index	2

INDEX SCORES

Terrestrial Habitat Connectivity	2
Aquatic Connectivity	10
Riparian Connectivity	44

Metric Sub-Scores
Aquatic Connectivity:

Bridges/Culverts	8
Dams	12

WATER QUALITY

Mean (Ave.)	52
Minimum Index	31

INDEX SCORES

Non-Point Source	31
Point Source	87 *
Assessments	39

Metric Sub-Scores
Non-Point Source:

Nutrient Application	23
Riparian Impervious	39

*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.

November, 2011