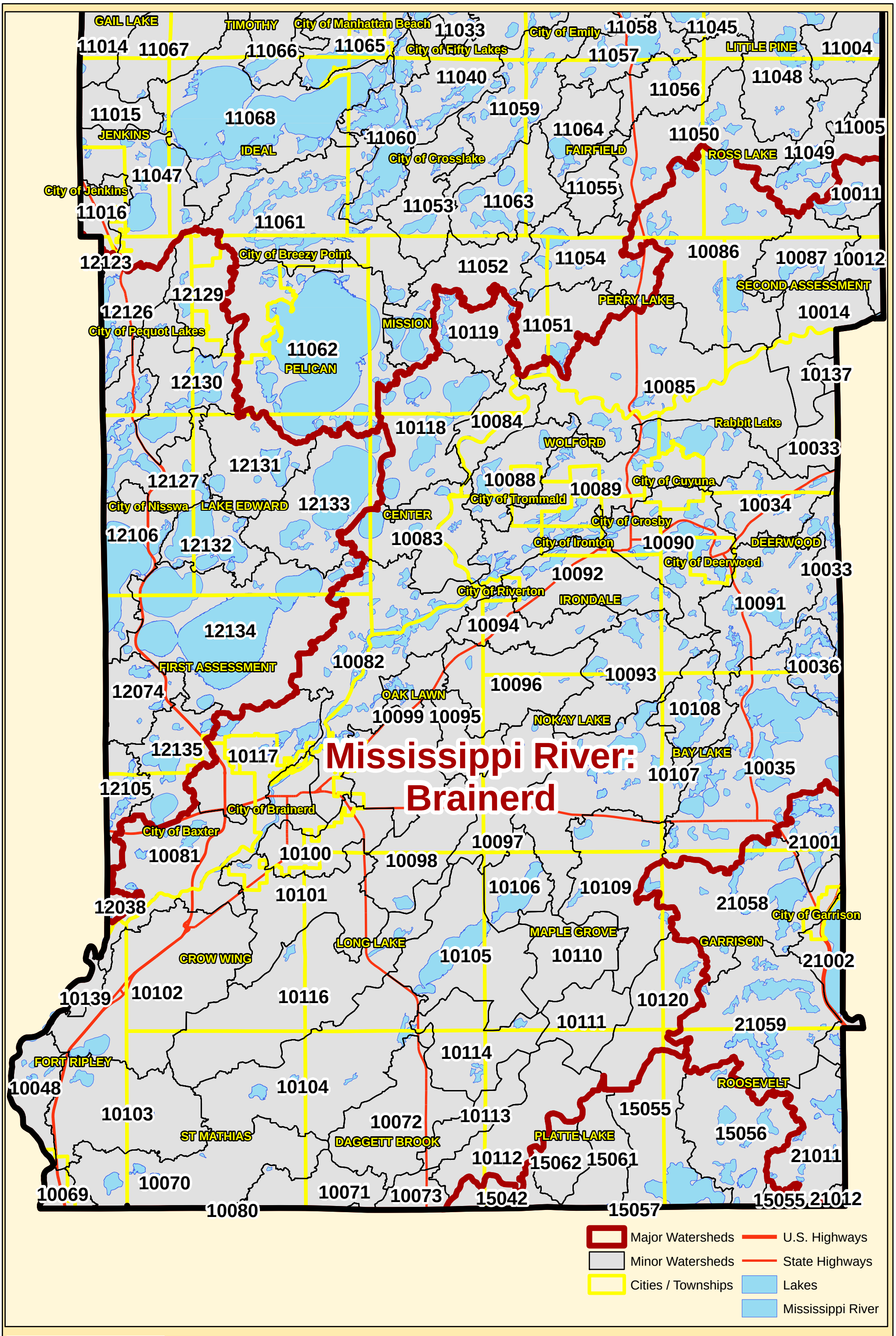
Mississippi River – Brainerd (56 minor watersheds):

Part 1:

10011 Unknown DNR Minor Watershed Name
10012 Ditch
10013 Unknown DNR Minor Watershed Name
10014 Mississippi R
10033 Cedar Cr
10034 Unknown DNR Minor Watershed Name
10035 Ripple R
10036 Spirit L
10048 Mississippi R
10069 Mississippi R
10070 Little Nokasippi R
10071 Little Nokasippi R
10072 Dagget Bk
10073 Black Bk Cr
10080 Unknown DNR Minor Watershed Name
10081 Mississippi R
10082 Mississippi R
10083 Mississippi R
10084 Mississippi R
10085 Mississippi R


Mississippi River: Brainerd
GAIL LAKE
TIMOTHY
City of Manhattan Beach
City of Fifty Lakes
City of Emily
LITTLE PINE
JENKINS
IDEAL
City of Crosslake
FAIRFIELD
ROSS LAKE
City of Jenkins
City of Breezy Point
SECOND ASSESSMENT
PERRY LAKE
City of Pequot Lakes
MISSION
PELICAN
Rabbit Lake
WOLFORD
City of Nisswa
LAKE EDWARD
CENTER
City of Trommald
City of Cuyuna
City of Crosby
City of Ironton
DEERWOOD
City of Deerwood
City of Riverton
IRONDALE
FIRST ASSESSMENT
OAK LAWN
NOKAY LAKE
BAY LAKE
City of Brainerd
City of Baxter
City of Garrison
MAPLE GROVE
GARRISON
CROW WING
LONG LAKE
FORT RIPLEY
ROOSEVELT
ST MATHIAS
DAGGETT BROOK
PLATTE LAKE
11014 11067 11066 11065 11033 11058 11045 11057 11004 11040 11048 11056 11015 11068 11059 11064 11050 11005 11060 11049 11047 11055 10011 11016 11053 11063 11061 12123 11054 10086 10087 10012 11052 12129 10014 12126 11051 10119 11062 12130 10137 10085 10118 10084 10033 12131 12127 10088 10089 10034 12133 10083 12106 12132 10090 10033 10092 10091 12134 10094 10082 10036 10093 12074 10096 10108 10099 10095 12135 10117 10107 10035 12105 10081 10100 10098 10097 21001 10101 10106 10109 12038 21058 10139 10102 10116 10120 10111 21059 10114 10048 10104 10103 10072 10113 15055 15056 10112 15062 15061 21011 10069 10070 10071 10073 15042 15057 15055 21012 10080
Major Watersheds
Minor Watersheds
Cities / Townships
U.S. Highways
State Highways
Lakes
Mississippi River
Environmental Services
CROW WING COUNTY
BRAINERD, MINNESOTA 56401
0 1 2
Miles
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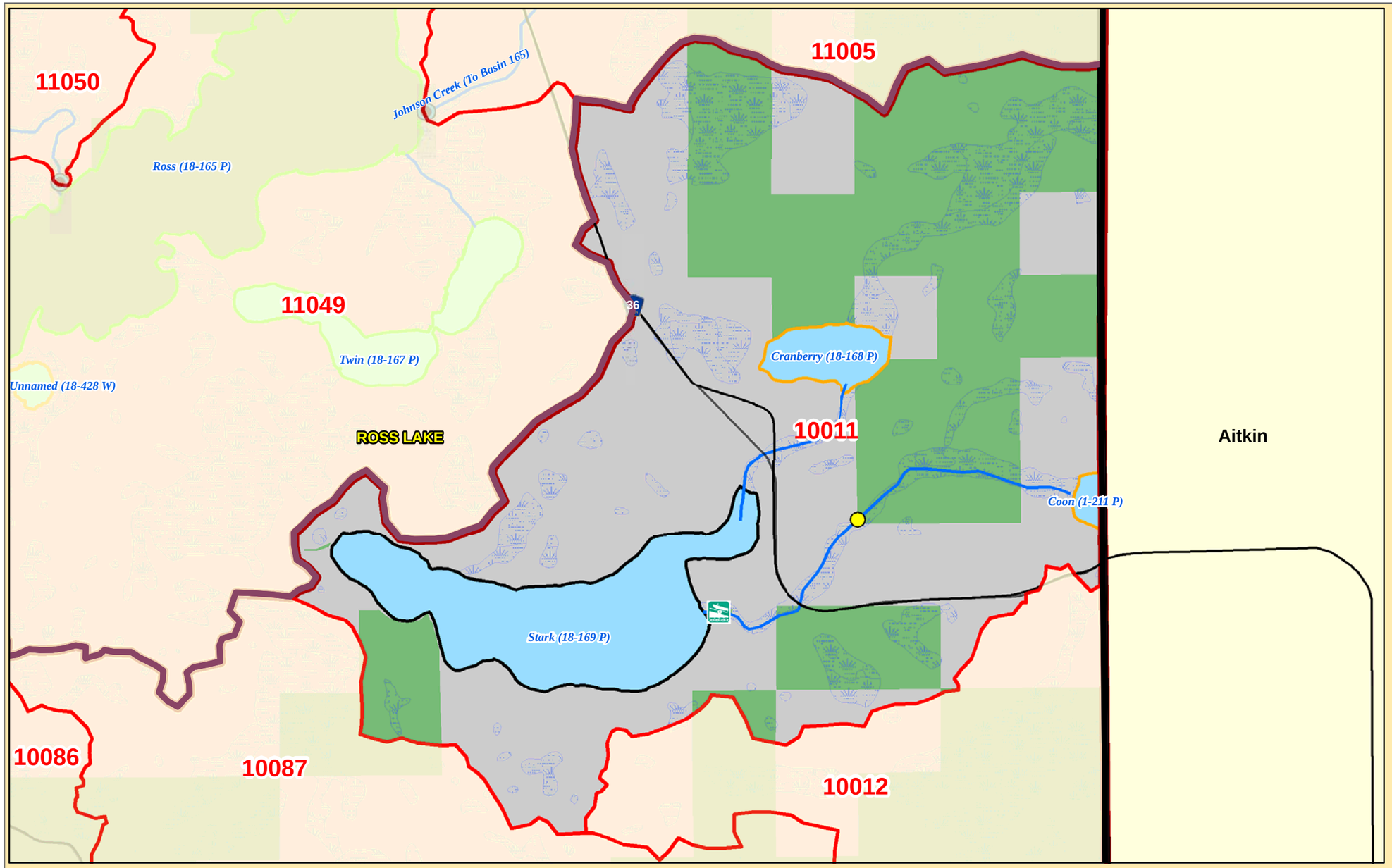


Minor Watershed #	10011
Major Watershed Name	Mississippi River - Brainerd
Area (sq. miles)	4
Population 2010 (persons per sq. mile)	6
Population Change 2000 to 2010 (persons per sq. mile)	4
Surficial Geology	Glacial Till
% Slope (avg.)	10
% Forested (private)	29
% Disturbed Land Cover	12
% Developed	4
Extractive Uses	Minimal
# of Animal Units	33
Biological Diversity	High
% Public Land	45
% Easements	0
% Lakes	11
% Streams	0
% Wetlands (private)	7
% Protected	**64**
Assigned Risk Level	**Vigilance**
Implementation Priorities	
Top 24 Priority Watershed	
Surface Water	
Aquatic Invasive Species	
Stormwater	x
Shoreline Buffers	x
Lake Focus: Recreational Use & Development	x
Lake Focus: Wild Rice / Wildlife	
Rivers / Floodplains	
Agricultural BMPs	
Ecological Sensitive Areas	x
Bluffs & Steep Slopes	
Public & Private Drainage	
Development (existing and potential)	x
Private Forest Stewardship	
Ground Water	
Septic Systems	
Wellhead Protection	

- Public Waterworks
- Water Use: Air Conditioning
- Water Use: Industrial Processing
- Irrigation: Crop
- Irrigation: Non Crop
- Water Use: Special Categories
- Drinking Water Source Protection Areas
- Wellhead Protection Areas

Feedlots (by primary animal)
- BIRDS
- BOVINES
- HORSES
- PIGS
- Water Access Sites
- Active Gravel Pits

- U.S. Highways
- State Highways
- County Roads
- Paul Bunyan State Trail
- Cities / Townships
- Mississippi River
- Streams
- County Ditches
- Wetlands (from NWI)

Trout, Rice, and Cisco Lakes
- Cisco
- Cisco and Wild Rice
- Cisco and Trout
- Wild Rice
- Trout

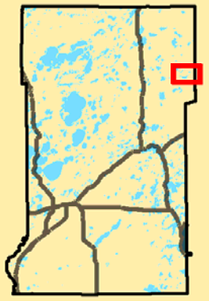
Infested Lakes
- Milfoil
- Milfoil, Zebra Mussels
- Zebra Mussels
- Milfoil, Zebra Mussels, Spiny Water Flea

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

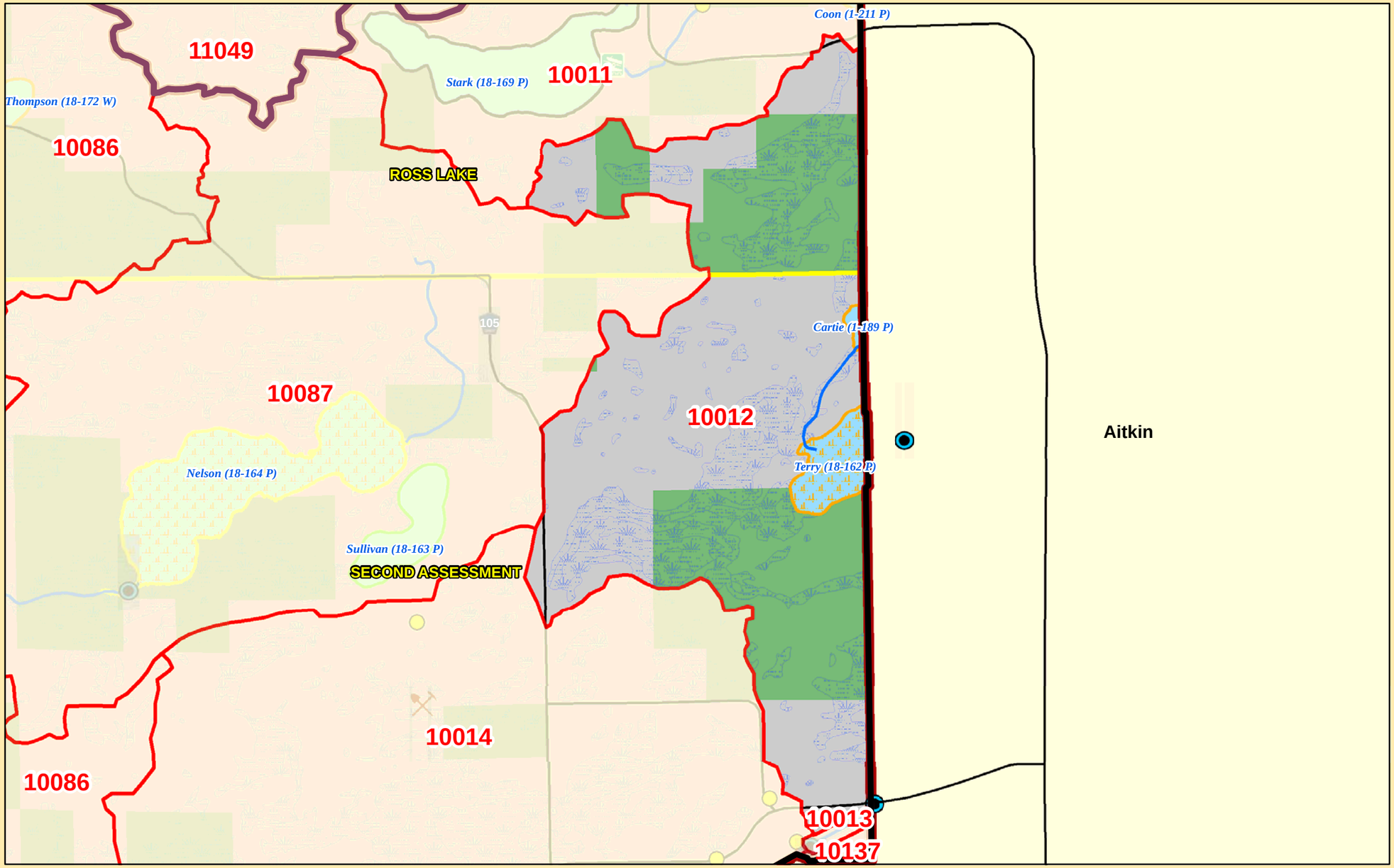
- State Park
- State Recreation Area
- Scientific and Natural Area Boundaries
- Wildlife Management Areas
- Conservation Easements
- Public Land
- Outlets of watersheds / catchments
- Major Watersheds
- Minor Watersheds

N W E S

0 0.5 1 Miles



Land Services
CROW WING COUNTY
BRAINERD, MINNESOTA 56401



Minor Watershed #	10012
Major Watershed Name	Mississippi River - Brainerd
Area (sq. miles)	4
Population 2010 (persons per sq. mile)	6
Population Change 2000 to 2010 (persons per sq. mile)	-1
Surficial Geology	Glacial Till
% Slope (avg.)	8
% Forested (private)	28
% Disturbed Land Cover	12
% Developed	1
Extractive Uses	Minimal
# of Animal Units	0
Biological Diversity	Partially High
% Public Land	43
% Easements	0
% Lakes	4
% Streams	0
% Wetlands (private)	14
% Protected	60
Assigned Risk Level	**Protection**
Implementation Priorities	
Top 24 Priority Watershed	
Surface Water	
Aquatic Invasive Species	
Stormwater	x
Shoreline Buffers	x
Lake Focus: Recreational Use & Development	x
Lake Focus: Wild Rice / Wildlife	x
Rivers / Floodplains	
Agricultural BMPs	
Ecological Sensitive Areas	x
Bluffs & Steep Slopes	
Public & Private Drainage	
Development (existing and potential)	
Private Forest Stewardship	
Ground Water	
Septic Systems	
Wellhead Protection	

- Public Waterworks
- Water Use: Air Conditioning
- Water Use: Industrial Processing
- Irrigation: Crop
- Irrigation: Non Crop
- Water Use: Special Categories
- Wellhead Protection Areas
- Drinking Water Source Protection Areas

Feedlots (by primary animal)
- BIRDS
- BOVINES
- HORSES
- PIGS
- Water Access Sites
- Active Gravel Pits

- U.S. Highways
- State Highways
- County Roads
- Paul Bunyan State Trail
- Cities / Townships
- Mississippi River
- Streams
- County Ditches
- Wetlands (from NWI)

Trout, Rice, and Cisco Lakes
- Cisco
- Cisco and Wild Rice
- Cisco and Trout
- Wild Rice
- Trout

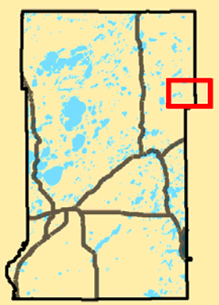
Infested Lakes
- Milfoil
- Milfoil, Zebra Mussels
- Zebra Mussels
- Milfoil, Zebra Mussels, Spiny Water Flea

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

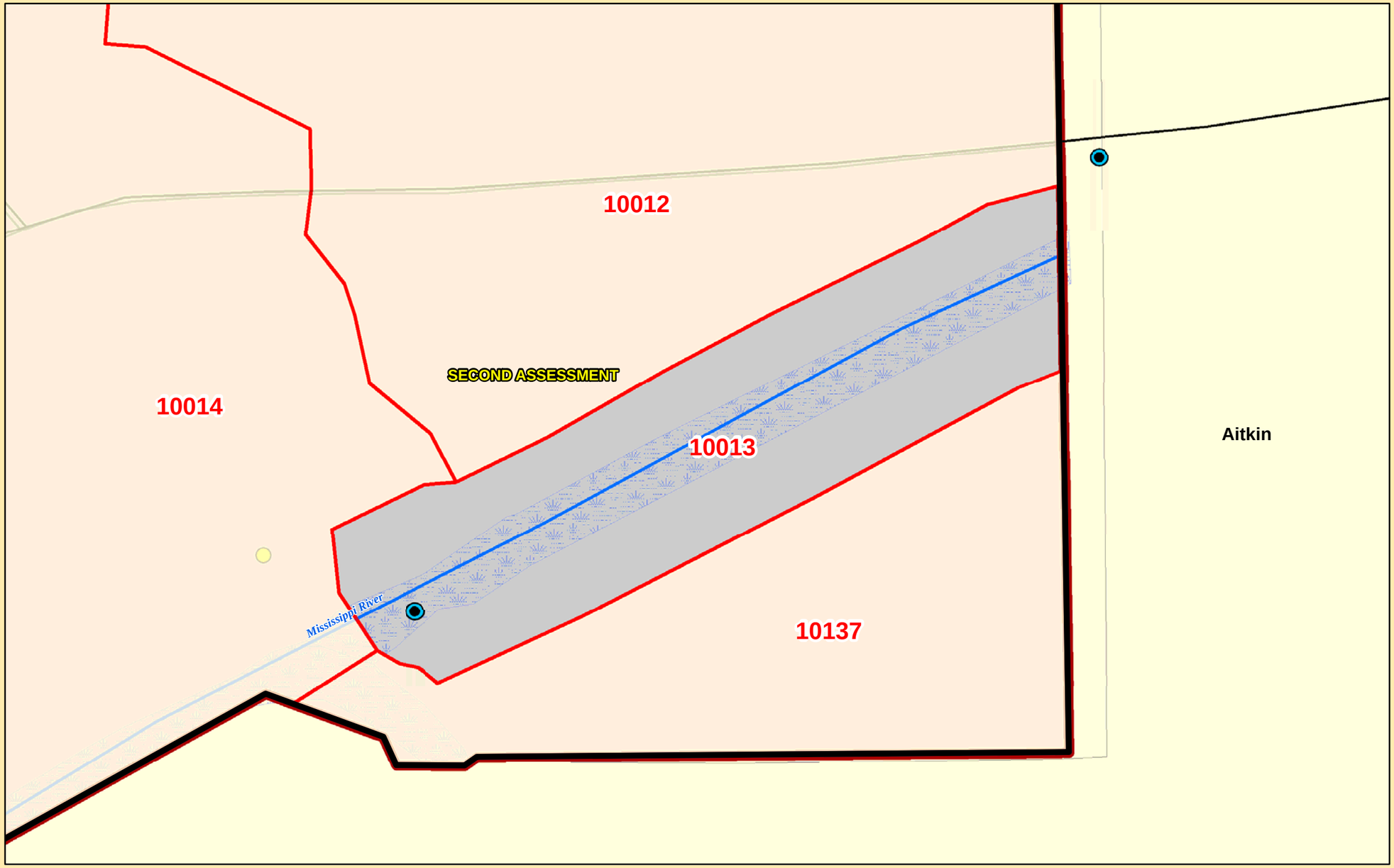
- State Park
- State Recreation Area
- Scientific and Natural Area Boundaries
- Wildlife Management Areas
- Conservation Easements
- Public Land
- 30 Lakes Watershed District
- Watershed / Catchment Outlets
- Minor Watersheds
- Major Watersheds

N W E S

0 0.5 1 Miles



Land Services
CROW WING COUNTY
BRAINERD, MINNESOTA 56401



Minor Watershed #	10013
Major Watershed Name	Mississippi River - Brainerd
Area (sq. miles)	0
Population 2010 (persons per sq. mile)	0
Population Change 2000 to 2010 (persons per sq. mile)	0
Surficial Geology	Glacial Lake Aitkin (fine sand)
% Slope (avg.)	21
% Forested (private)	6
% Disturbed Land Cover	52
% Developed	11
Extractive Uses	Minimal
# of Animal Units	0
Biological Diversity	Minimal
% Public Land	0
% Easements	0
% Lakes	0
% Streams	0
% Wetlands (private)	29
% Protected	**29**
Assigned Risk Level	**Enhance / Protection**
Implementation Priorities	
Top 24 Priority Watershed	
Surface Water	
Aquatic Invasive Species	
Stormwater	x
Shoreline Buffers	
Lake Focus: Recreational Use & Development	
Lake Focus: Wild Rice / Wildlife	
Rivers / Floodplains	
Agricultural BMPs	
Ecological Sensitive Areas	
Bluffs & Steep Slopes	x
Public & Private Drainage	
Development (existing and potential)	
Private Forest Stewardship	
Ground Water	
Septic Systems	x
Wellhead Protection	

- Public Waterworks
- Water Use: Air Conditioning
- Water Use: Industrial Processing
- Irrigation: Crop
- Irrigation: Non Crop
- Water Use: Special Categories
- Wellhead Protection Areas
- Drinking Water Source Protection Areas

Feedlots (by primary animal)
- BIRDS
- BOVINES
- HORSES
- PIGS
- Water Access Sites
- Gravel Active Pits

- U.S. Highways
- State Highways
- County Roads
- Paul Bunyan State Trail
- Cities / Townships
- Mississippi River
- Streams
- County Ditches
- Wetlands (from NWI)

Trout, Rice, and Cisco Lakes
- Cisco
- Cisco and Wild Rice
- Cisco and Trout
- Wild Rice
- Trout

Infested Lakes
- Milfoil
- Milfoil, Zebra Mussels
- Zebra Mussels
- Milfoil, Zebra Mussels, Spiny Water Flea

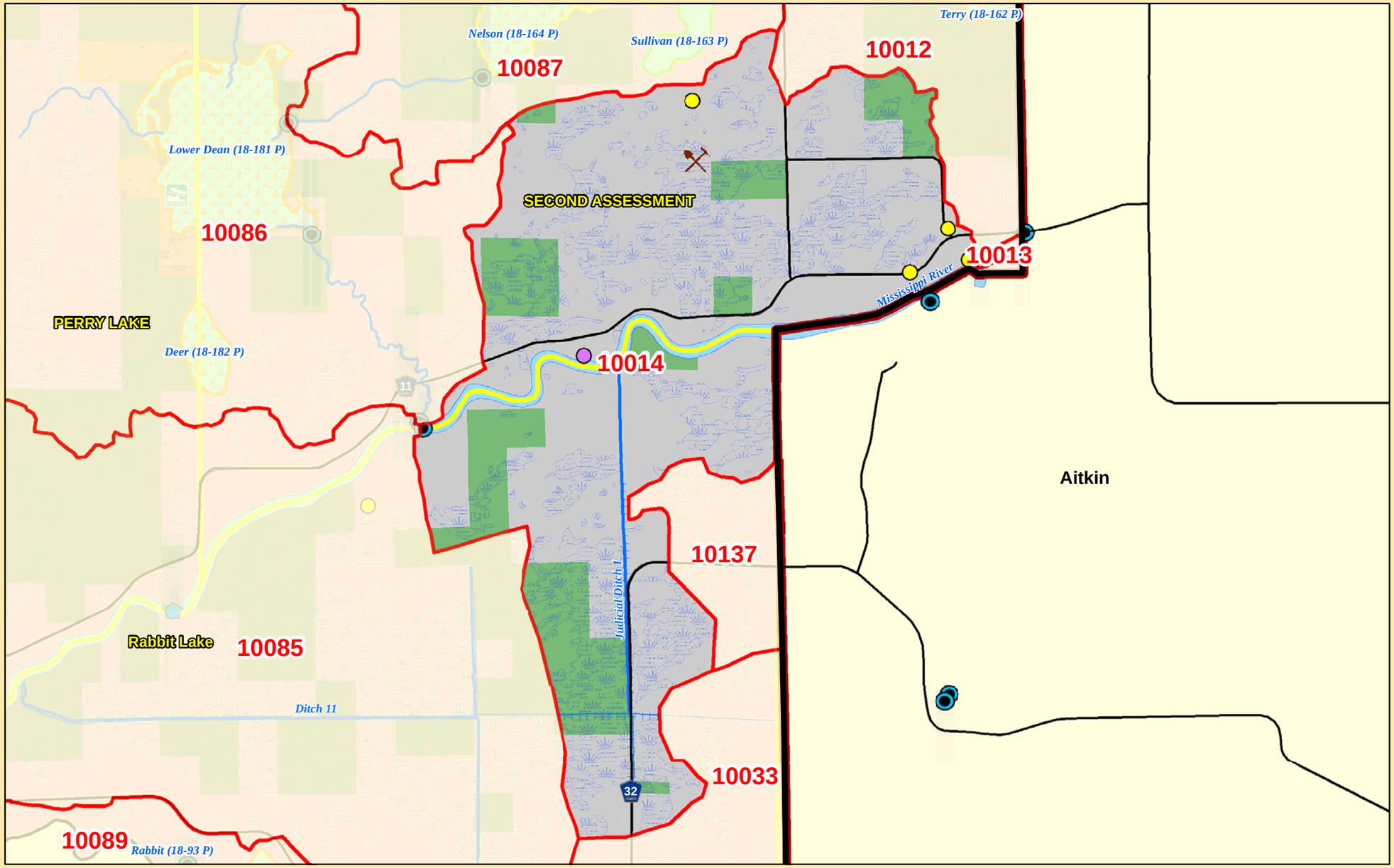
Lakes (Classification & Water Quality Status)
- GD
- RD
- NE
- NE-SP
- Impaired: Nutrients
- Improving
- Declining
- No Trend
- No Trend / Declining
- Multiple Trends
- Not Assessed

- 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

N W E S

0 0.05 0.1 Miles

Land Services
CROW WING COUNTY
BRAINERD, MINNESOTA 56401



Minor Watershed #	10014
Major Watershed Name	Mississippi River - Brainerd
Area (sq. miles)	9
Population 2010 (persons per sq. mile)	7
Population Change 2000 to 2010 (persons per sq. mile)	0
Surficial Geology	Glacial Till / Glacial Lake Aitkin (fine sand)
% Slope (avg.)	3
% Forested (private)	19
% Disturbed Land Cover	21
% Developed	4
Extractive Uses	Minimal
# of Animal Units	922
Biological Diversity	Partially High
% Public Land	20
% Easements	0
% Lakes	0
% Streams	2
% Wetlands (private)	27
% Protected	**49**
Assigned Risk Level	**Protection**
Implementation Priorities	
Top 24 Priority Watershed	
Surface Water	
Aquatic Invasive Species	
Stormwater	x
Shoreline Buffers	x
Lake Focus: Recreational Use & Development	
Lake Focus: Wild Rice / Wildlife	
Rivers / Floodplains	x
Agricultural BMPs	x
Ecological Sensitive Areas	x
Bluffs & Steep Slopes	
Public & Private Drainage	x
Development (existing and potential)	
Private Forest Stewardship	
Ground Water	
Septic Systems	x
Wellhead Protection	

- Public Waterworks
- Water Use: Air Conditioning
- Water Use: Industrial Processing
- Irrigation: Crop
- Irrigation: Non Crop
- Water Use: Special Categories
- Wellhead Protection Areas
- Drinking Water Source Protection Areas

Feedlots (by primary animal)
- BIRDS
- BOVINES
- HORSES
- PIGS
- Water Access Sites
- Active Gravel Pits

- U.S. Highways
- State Highways
- County Roads
- Paul Bunyan State Trail
- Cities / Townships
- Mississippi River
- Streams
- County Ditches
- Wetlands (from NWI)

Trout, Rice, and Cisco Lakes
- Cisco
- Cisco and Wild Rice
- Cisco and Trout
- Wild Rice
- Trout

Infested Lakes
- Milfoil
- Milfoil, Zebra Mussels
- Zebra Mussels
- Milfoil, Zebra Mussels, Spiny Water Flea

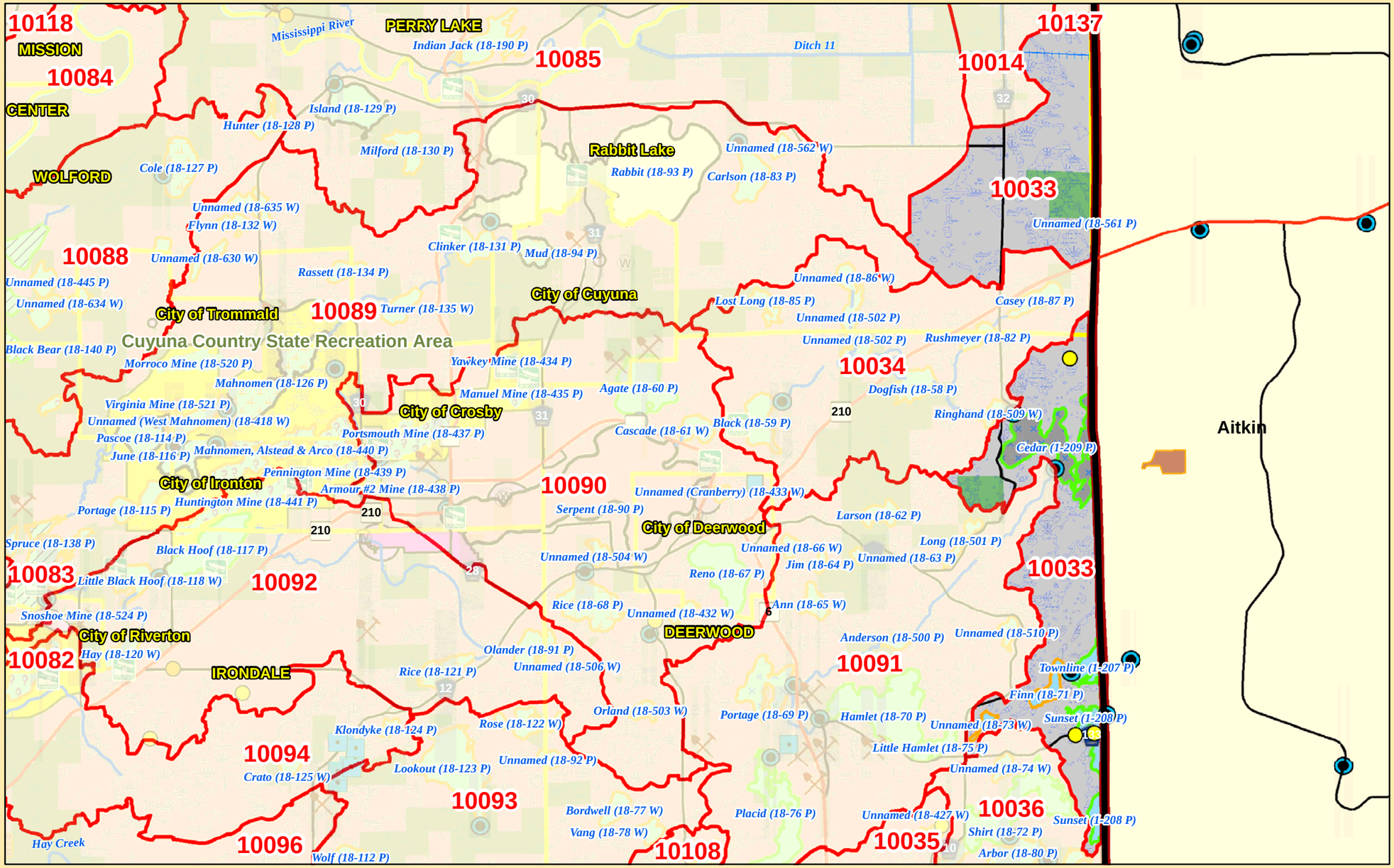
Lakes (Classification & Water Quality Status)
- General Development (GD)
- Recreational Development (RD)
- Natural Environment (NE)
- Natural Environment-Special Shallow (NE-SS)
- Impaired: Nutrients
- Improving
- Declining
- No Trend
- No Trend / Declining
- Multiple Trends
- Not Assessed

- 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

N W E S

0 0.75 1.5 Miles

Land Services
CROW WING COUNTY
BRAINERD, MINNESOTA 56401



Minor Watershed #	10033
Major Watershed Name	Mississippi River - Brainerd
Area (sq. miles)	8
Population 2010 (persons per sq. mile)	17
Population Change 2000 to 2010 (persons per sq. mile)	0
Surficial Geology	Glacial Till
% Slope (avg.)	11
% Forested (private)	22
% Disturbed Land Cover	24
% Developed	4
Extractive Uses	Minimal
# of Animal Units	106
Biological Diversity	Partially Moderate
% Public Land	5
% Easements	0
% Lakes	11
% Streams	0
% Wetlands (private)	19
% Protected	**35**
Assigned Risk Level	**Enhance / 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	x
Ecological Sensitive Areas	x
Bluffs & Steep Slopes	
Public & Private Drainage	
Development (existing and potential)	
Private Forest Stewardship	
Ground Water	
Septic Systems	
Wellhead Protection	

- Public Waterworks
- Water Use: Air Conditioning
- Water Use: Industrial Processing
- Irrigation: Crop
- Irrigation: Non Crop
- Water Use: Special Categories
- Wellhead Protection Areas
- Drinking Water Source Protection Areas

Feedlots (by primary animal)
- BIRDS
- BOVINES
- HORSES
- PIGS
- Water Access Sites
- Active Gravel Pits

- U.S. Highways
- State Highways
- County Roads
- Paul Bunyan State Trail
- Cities / Townships
- Mississippi River
- Streams
- County Ditches
- Wetlands (from NWI)

Trout, Rice, and Cisco Lakes
- Cisco
- Cisco and Wild Rice
- Cisco and Trout
- Wild Rice
- Trout

Infested Lakes
- Milfoil
- Milfoil, Zebra Mussels
- Zebra Mussels
- Milfoil, Zebra Mussels, Spiny Water Flea

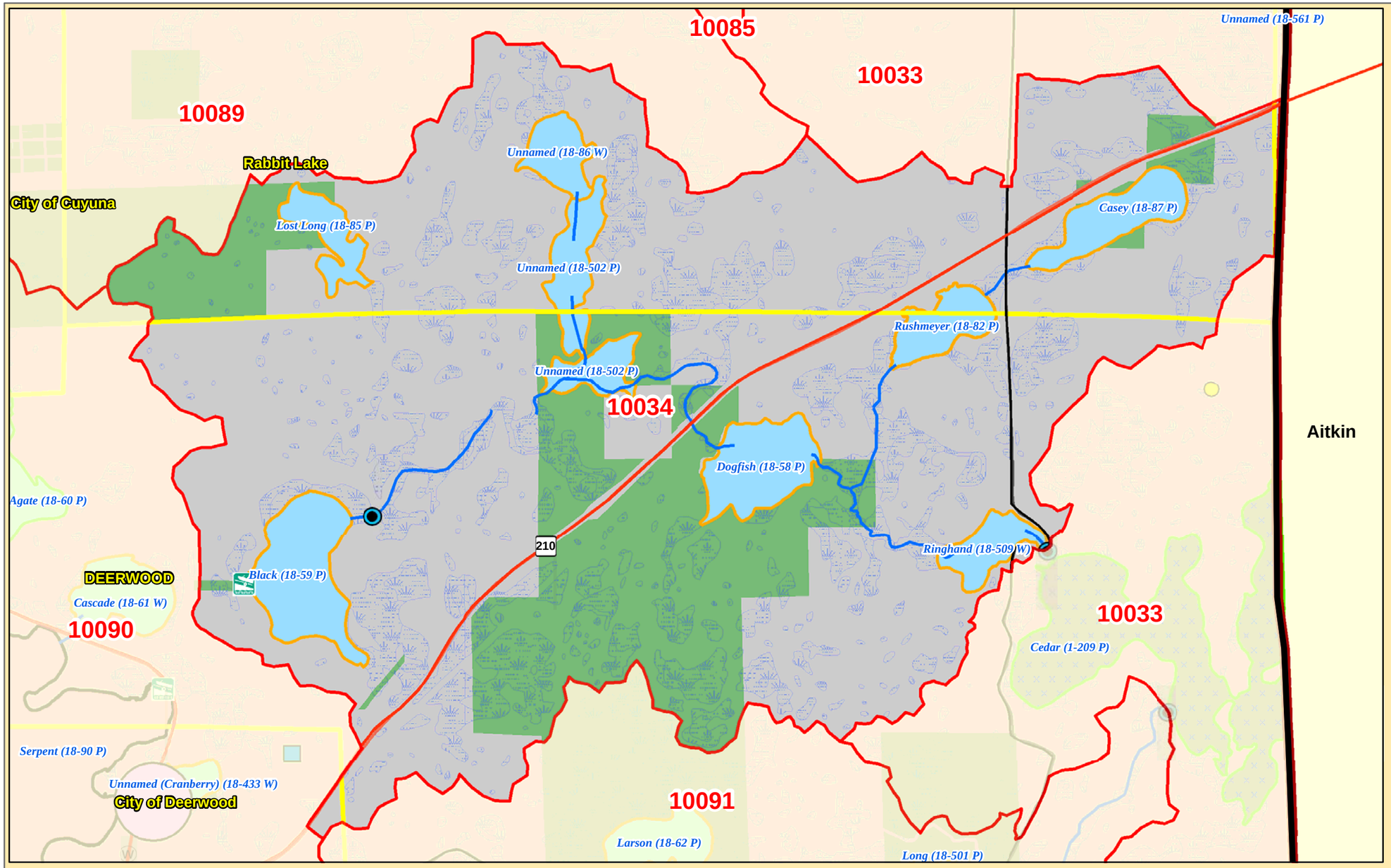
Lakes (Classification & Water Quality Status)
- General Development (GD)
- Recreational Development (RD)
- Natural Environment (NE)
- Natural Environment-Special Shallow (NE-SS)
- Impaired: Nutrients
- Improving
- Declining
- No Trend
- No Trend / Declining
- Multiple Trends
- Not Assessed

- 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

N W E S

0 1.25 2.5 Miles

Land Services
CROW WING COUNTY
BRAINERD, MINNESOTA 56401



Minor Watershed #	10034
Major Watershed Name	Mississippi River - Brainerd
Area (sq. miles)	7
Population 2010 (persons per sq. mile)	23
Population Change 2000 to 2010 (persons per sq. mile)	6
Surficial Geology	Glacial Till
% Slope (avg.)	17
% Forested (private)	29
% Disturbed Land Cover	19
% Developed	5
Extractive Uses	Minimal
# of Animal Units	0
Biological Diversity	Partially Moderate
% Public Land	19
% Easements	0
% Lakes	10
% Streams	0
% Wetlands (private)	16
% Protected	**45**
Assigned Risk Level	**Protection**
Implementation Priorities	
Top 24 Priority Watershed	
Surface Water	
Aquatic Invasive Species	
Stormwater	x
Shoreline Buffers	x
Lake Focus: Recreational Use & Development	x
Lake Focus: Wild Rice / Wildlife	
Rivers / Floodplains	
Agricultural BMPs	
Ecological Sensitive Areas	
Bluffs & Steep Slopes	x
Public & Private Drainage	
Development (existing and potential)	
Private Forest Stewardship	
Ground Water	
Septic Systems	
Wellhead Protection	

- Public Waterworks
- Water Use: Air Conditioning
- Water Use: Industrial Processing
- Irrigation: Crop
- Irrigation: Non Crop
- Water Use: Special Categories
- Drinking Water Source Protection Areas
- Wellhead Protection Areas

Feedlots (by primary animal)
- BIRDS
- BOVINES
- HORSES
- PIGS
- Water Access Sites
- Active Gravel Pits

- U.S. Highways
- State Highways
- County Roads
- Paul Bunyan State Trail
- Cities / Townships
- Mississippi River
- Streams
- County Ditches
- Wetlands (from NWI)

Trout, Rice, and Cisco Lakes
- Cisco
- Cisco and Wild Rice
- Cisco and Trout
- Wild Rice
- Trout

Infested Lakes
- Milfoil
- Milfoil, Zebra Mussels
- Zebra Mussels
- Milfoil, Zebra Mussels, Spiny Water Flea

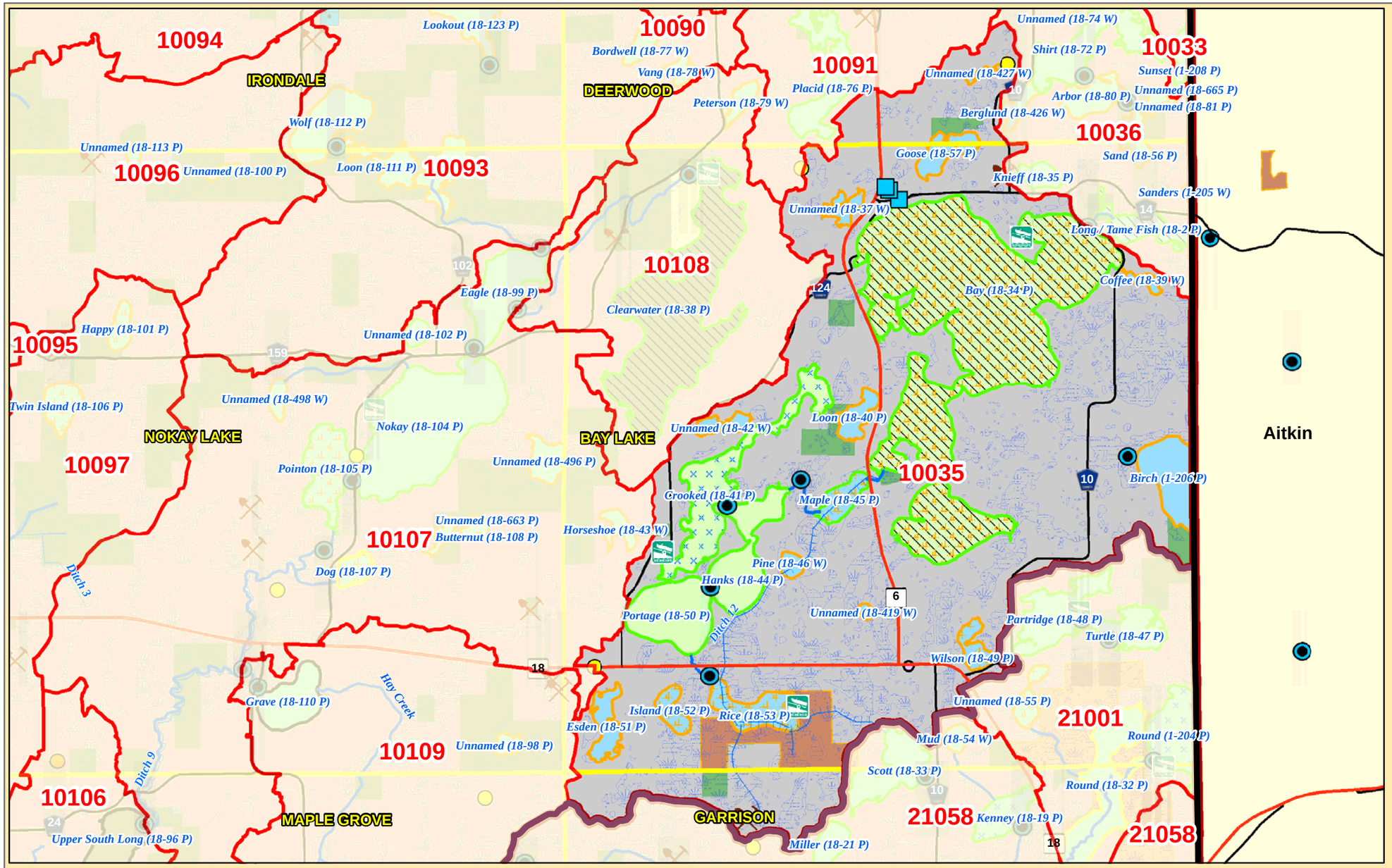
Lakes (Classification & Water Quality Status)
- General Development (GD)
- Recreational Development (RD)
- Natural Environment (NE)
- Natural Environment-Special Shallow (NE-SS)
- Impaired: Nutrients
- Improving
- Declining
- No Trend
- No Trend / Declining
- Multiple Trends
- Not Assessed

- 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
- Major Watersheds
- Minor Watersheds

N W E S

0 0.5 1 Miles

Land Services
CROW WING COUNTY
BRAINERD, MINNESOTA 56401



Minor Watershed #	10035
Major Watershed Name	Mississippi River - Brainerd
Area (sq. miles)	25
Population 2010 (persons per sq. mile)	29
Population Change 2000 to 2010 (persons per sq. mile)	0
Surficial Geology	Glacial Till / Outwash (sand & gravel)
% Slope (avg.)	10
% Forested (private)	25
% Disturbed Land Cover	16
% Developed	7
Extractive Uses	Minimal
# of Animal Units	1
Biological Diversity	Moderately High
% Public Land	5
% Easements	1
% Lakes	27
% Streams	0
% Wetlands (private)	25
% Protected	**58**
Assigned Risk Level	**Protection**
Implementation Priorities	
Top 24 Priority Watershed	x
Surface Water	
Aquatic Invasive Species	x
Stormwater	x
Shoreline Buffers	x
Lake Focus: Recreational Use & Development	x
Lake Focus: Wild Rice / Wildlife	x
Lake Focus: Fisheries (Cisco)	x
Rivers / Floodplains	
Agricultural BMPs	
Ecological Sensitive Areas	
Bluffs & Steep Slopes	
Public & Private Drainage	
Development (existing and potential)	x
Private Forest Stewardship	
Ground Water	
Septic Systems	x
Wellhead Protection	x

- Public Waterworks
- Water Use: Air Conditioning
- Water Use: Industrial Processing
- Irrigation: Crop
- Irrigation: Non Crop
- Water Use: Special Categories
- Wellhead Protection Areas
- Drinking Water Source Protection Areas

Feedlots (by primary animal)
- BIRDS
- BOVINES
- HORSES
- PIGS

- Water Access Sites
- Active Gravel Pits

- U.S. Highways
- State Highways
- County Roads
- Paul Bunyan State Trail
- Cities / Townships
- Mississippi River
- Streams
- County Ditches
- Wetlands (from NWI)

Trout, Rice, and Cisco Lakes
- Cisco
- Cisco and Wild Rice
- Cisco and Trout
- Wild Rice
- Trout

Infested Lakes
- Milfoil
- Milfoil, Zebra Mussels
- Zebra Mussels
- Milfoil, Zebra Mussels, Spiny Water Flea

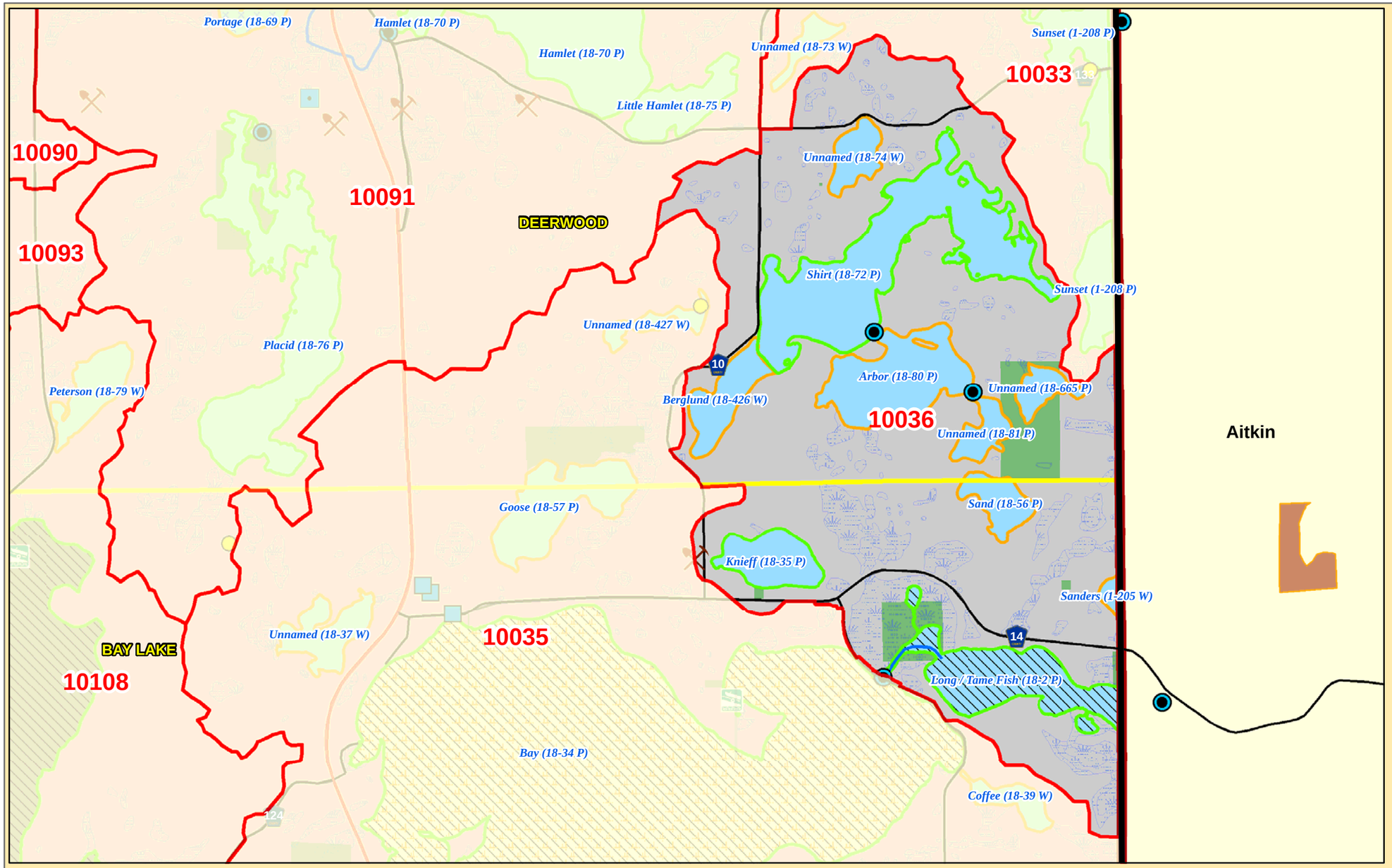
Lakes (Classification & Water Quality Status)
- General Development (GD)
- Recreational Development (RD)
- Natural Environment (NE)
- Natural Environment-Special Shallow (NE-SS)
- Impaired: Nutrients
- Improving
- Declining
- No Trend
- No Trend / Declining
- Multiple Trends
- Not Assessed

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

N W E S

0 1.25 2.5 Miles

Land Services
CROW WING COUNTY
BRAINERD, MINNESOTA 56401



Minor Watershed #	10036
Major Watershed Name	Mississippi River - Brainerd
Area (sq. miles)	4
Population 2010 (persons per sq. mile)	50
Population Change 2000 to 2010 (persons per sq. mile)	4
Surficial Geology	Outwash (sand & gravel)
% Slope (avg.)	14
% Forested (private)	19
% Disturbed Land Cover	20
% Developed	7
Extractive Uses	Minimal
# of Animal Units	0
Biological Diversity	Minimal
% Public Land	5
% Easements	0
% Lakes	27
% Streams	0
% Wetlands (private)	11
% Protected	**43**
Assigned Risk Level	**Protection**
Implementation Priorities	
Top 24 Priority Watershed	
Surface Water	
Aquatic Invasive Species	x
Stormwater	x
Shoreline Buffers	x
Lake Focus: Recreational Use & Development	x
Lake Focus: Wild Rice / Wildlife	
Rivers / Floodplains	
Agricultural BMPs	
Ecological Sensitive Areas	x
Bluffs & Steep Slopes	x
Public & Private Drainage	
Development (existing and potential)	x
Private Forest Stewardship	
Ground Water	
Septic Systems	x
Wellhead Protection	

- Public Waterworks
- Water Use: Air Conditioning
- Water Use: Industrial Processing
- Irrigation: Crop
- Irrigation: Non Crop
- Water Use: Special Categories
- Drinking Water Source Protection Areas
- Wellhead Protection Areas

Feedlots (by primary animal)
- BIRDS
- BOVINES
- HORSES
- PIGS
- Water Access Sites
- Active Gravel Pits

- U.S. Highways
- State Highways
- County Roads
- Paul Bunyan State Trail
- Cities / Townships
- Mississippi River
- Streams
- County Ditches
- Wetlands (from NWI)

Trout, Rice, and Cisco Lakes
- Cisco
- Cisco and Wild Rice
- Cisco and Trout
- Wild Rice
- Trout

Infested Lakes
- Milfoil
- Milfoil, Zebra Mussels
- Zebra Mussels
- Milfoil, Zebra Mussels, Spiny Water Flea

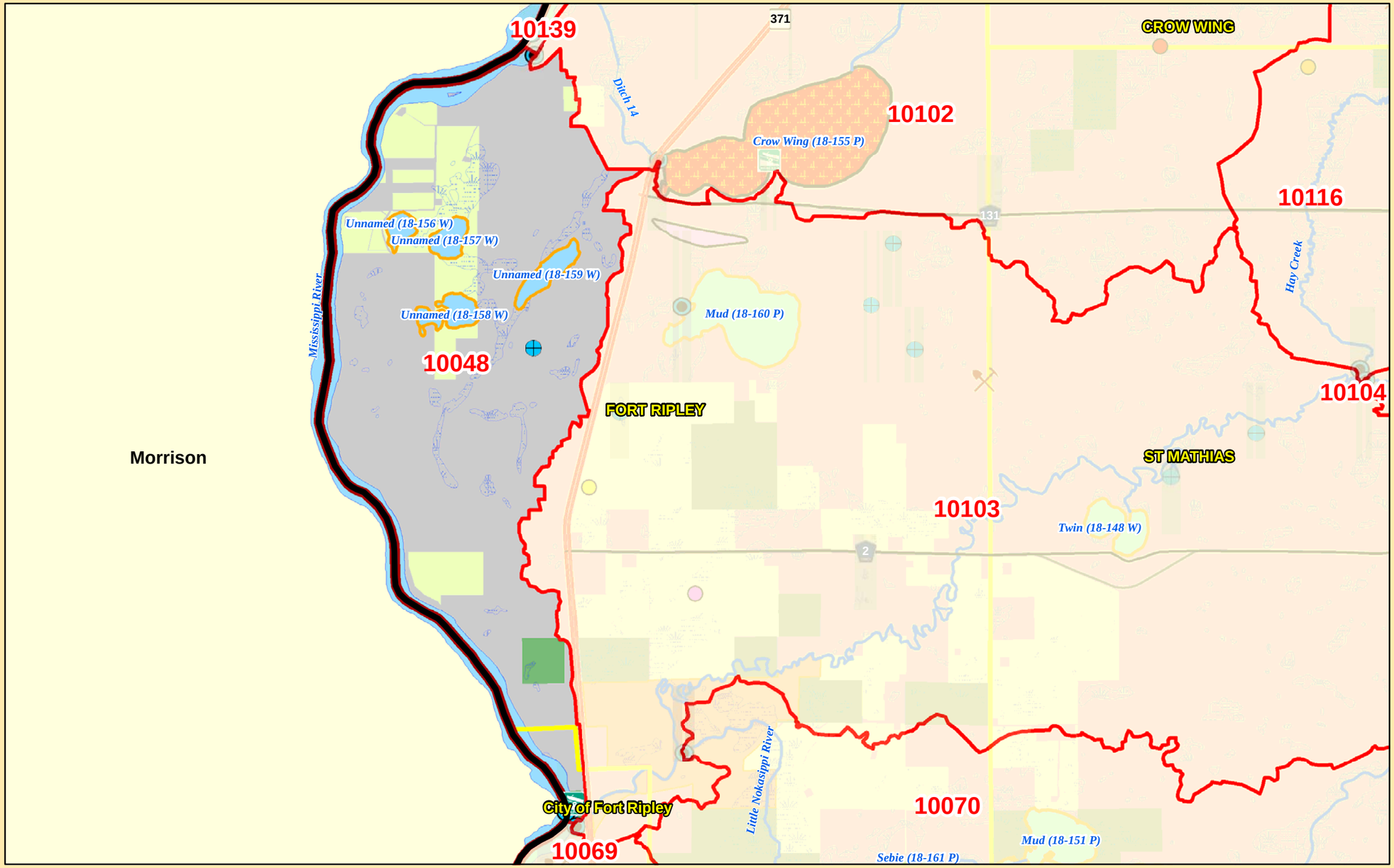
Lakes (Classification & Water Quality Status)
- General Development (GD)
- Recreational Development (RD)
- Natural Environment (NE)
- Natural Environment-Special Shallow (NE-SS)
- Impaired: Nutrients
- Improving
- Declining
- No Trend
- No Trend / Declining
- Multiple Trends
- Not Assessed

- 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
- Major Watersheds
- Minor Watersheds

N W E S

0 0.5 1 Miles

Land Services
CROW WING COUNTY
BRAINERD, MINNESOTA 56401



Minor Watershed #	10048
Major Watershed Name	Mississippi River - Brainerd
Area (sq. miles)	5
Population 2010 (persons per sq. mile)	42
Population Change 2000 to 2010 (persons per sq. mile)	13
Surficial Geology	Upper Terrace
% Slope (avg.)	3
% Forested (private)	39
% Disturbed Land Cover	36
% Developed	3
Extractive Uses	Minimal
# of Animal Units	0
Biological Diversity	Minimal
% Public Land	2
% Easements	16
% Lakes	4
% Streams	5
% Wetlands (private)	7
% Protected	**33**
Assigned Risk Level	**Enhance / Protection**
Implementation Priorities	
Top 24 Priority Watershed	x
Surface Water	
Aquatic Invasive Species	x
Stormwater	x
Shoreline Buffers	x
Lake Focus: Recreational Use & Development	
Lake Focus: Wild Rice / Wildlife	
Rivers / Floodplains	x
Agricultural BMPs	
Ecological Sensitive Areas	
Bluffs & Steep Slopes	
Public & Private Drainage	
Development (existing and potential)	x
Private Forest Stewardship	x
Ground Water	
Septic Systems	x
Wellhead Protection	

- Public Waterworks
- Water Use: Air Conditioning
- Water Use: Industrial Processing
- Irrigation: Crop
- Irrigation: Non Crop
- Water Use: Special Categories
- Wellhead Protection Areas
- Drinking Water Source Protection Areas

Feedlots (by primary animal)
- BIRDS
- BOVINES
- HORSES
- PIGS
- Water Access Sites
- Active Gravel Pits

- U.S. Highways
- State Highways
- County Roads
- Paul Bunyan State Trail
- Cities / Townships
- Mississippi River
- Streams
- County Ditches
- Wetlands (from NWI)

Trout, Rice, and Cisco Lakes
- Cisco
- Cisco and Wild Rice
- Cisco and Trout
- Wild Rice
- Trout

Infested Lakes
- Milfoil
- Milfoil, Zebra Mussels
- Zebra Mussels
- Milfoil, Zebra Mussels, Spiny Water Flea

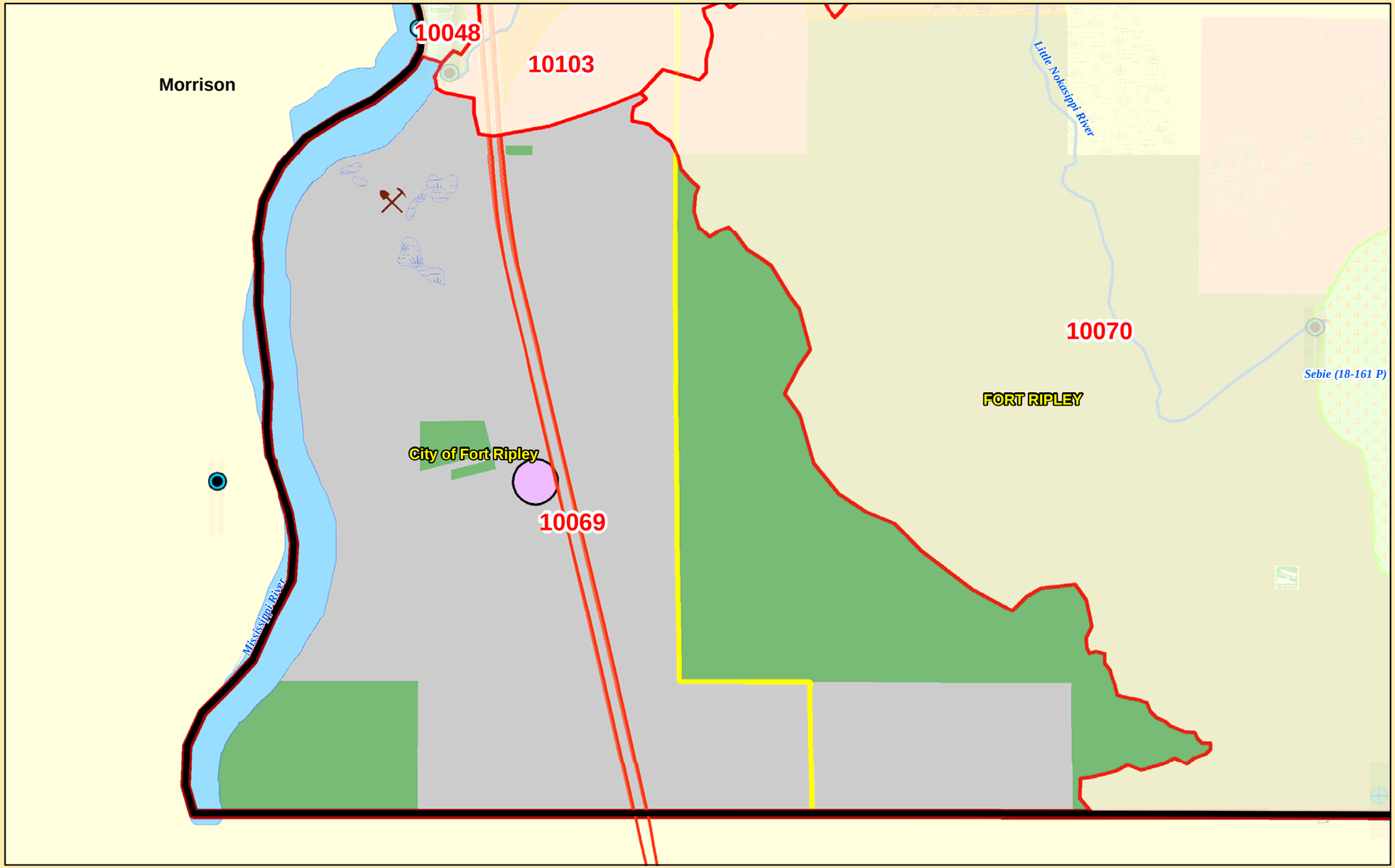
Lakes (Classification & Water Quality Status)
- General Development (GD)
- Recreational Development (RD)
- Natural Environment (NE)
- Natural Environment-Special Shallow (NE-SS)
- Impaired: Nutrients
- Improving
- Declining
- No Trend
- No Trend / Declining
- Multiple Trends
- Not Assessed

- 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

N W E S

0 0.75 1.5 Miles

Land Services
CROW WING COUNTY
BRAINERD, MINNESOTA 56401



Minor Watershed #	10069
Major Watershed Name	Mississippi River - Brainerd
Area (sq. miles)	2
Population 2010 (persons per sq. mile)	30
Population Change 2000 to 2010 (persons per sq. mile)	-1
Surficial Geology	Upper Terrace
% Slope (avg.)	10
% Forested (private)	15
% Disturbed Land Cover	48
% Developed	8
Extractive Uses	Moderate
# of Animal Units	0
Biological Diversity	Minimal
% Public Land	49
% Easements	0
% Lakes	0
% Streams	5
% Wetlands (private)	0
% Protected	**54**
Assigned Risk Level	**Protection**
Implementation Priorities	
Top 24 Priority Watershed	x
Surface Water	
Aquatic Invasive Species	x
Stormwater	x
Shoreline Buffers	x
Lake Focus: Recreational Use & Development	
Lake Focus: Wild Rice / Wildlife	
Rivers / Floodplains	x
Agricultural BMPs	
Ecological Sensitive Areas	
Bluffs & Steep Slopes	
Public & Private Drainage	
Development (existing and potential)	x
Private Forest Stewardship	
Ground Water	
Septic Systems	x
Wellhead Protection	x

- Public Waterworks
- Water Use: Air Conditioning
- Water Use: Industrial Processing
- Irrigation: Crop
- Irrigation: Non Crop
- Water Use: Special Categories
- Wellhead Protection Areas
- Drinking Water Source Protection Areas

Feedlots (by primary animal)
- BIRDS
- BOVINES
- HORSES
- PIGS
- Water Access Sites
- Active Gravel Pits

- U.S. Highways
- State Highways
- County Roads
- Paul Bunyan State Trail
- Cities / Townships
- Mississippi River
- Streams
- County Ditches
- Wetlands (from NWI)

Trout, Rice, and Cisco Lakes
- Cisco
- Cisco and Wild Rice
- Cisco and Trout
- Wild Rice
- Trout

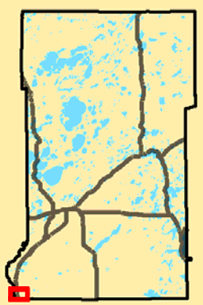
Infested Lakes
- Milfoil
- Milfoil, Zebra Mussels
- Zebra Mussels
- Milfoil, Zebra Mussels, Spiny Water Flea

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

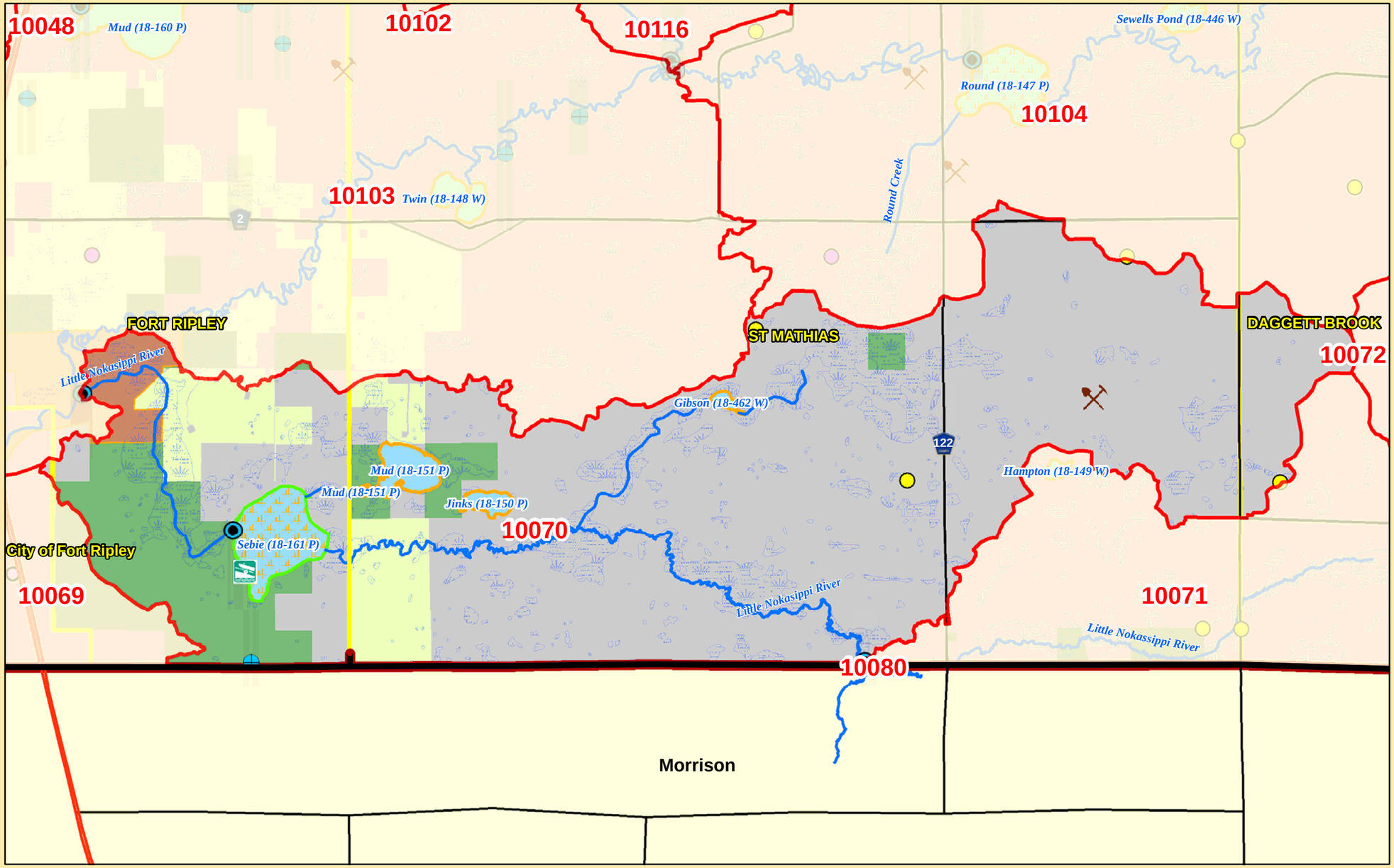
- State Park
- State Recreation Area
- Scientific and Natural Area Boundaries
- Wildlife Management Areas
- Conservation Easements
- Public Land
- 30 Lakes Watershed District
- Outlets of watersheds / catchments
- Minor Watersheds
- Major Watersheds

N W E S

0 0.25 0.5 Miles



Land Services
CROW WING COUNTY
BRAINERD, MINNESOTA 56401



Minor Watershed #	10070
Major Watershed Name	Mississippi River - Brainerd
Area (sq. miles)	15
Population 2010 (persons per sq. mile)	13
Population Change 2000 to 2010 (persons per sq. mile)	2
Surficial Geology	Glacial Till
% Slope (avg.)	12
% Forested (private)	35
% Disturbed Land Cover	38
% Developed	2
Extractive Uses	Minimal
# of Animal Units	264
Biological Diversity	Moderate
% Public Land	13
% Easements	9
% Lakes	3
% Streams	1
% Wetlands (private)	13
% Protected	**38**
Assigned Risk Level	**Enhance / Protection**
Implementation Priorities	
Top 24 Priority Watershed	x
Surface Water	
Aquatic Invasive Species	
Stormwater	x
Shoreline Buffers	x
Lake Focus: Recreational Use & Development	x
Lake Focus: Wild Rice / Wildlife	x
Rivers / Floodplains	x
Agricultural BMPs	x
Ecological Sensitive Areas	x
Bluffs & Steep Slopes	x
Public & Private Drainage	
Development (existing and potential)	
Private Forest Stewardship	x
Ground Water	
Septic Systems	x
Wellhead Protection	

- Public Waterworks
- Water Use: Air Conditioning
- Water Use: Industrial Processing
- Irrigation: Crop
- Irrigation: Non Crop
- Water Use: Special Categories
- Wellhead Protection Areas
- Drinking Water Source Protection Areas

Feedlots (by primary animal)
- BIRDS
- BOVINES
- HORSES
- PIGS
- Water Access Sites
- Active Gravel Pits

- U.S. Highways
- State Highways
- County Roads
- Paul Bunyan State Trail
- Cities / Townships
- Mississippi River
- Streams
- County Ditches
- Wetlands (from NWI)

Trout, Rice, and Cisco Lakes
- Cisco
- Cisco and Wild Rice
- Cisco and Trout
- Wild Rice
- Trout

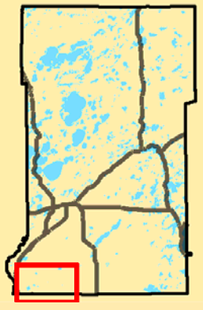
Infested Lakes
- Milfoil
- Milfoil, Zebra Mussels
- Zebra Mussels
- Milfoil, Zebra Mussels, Spiny Water Flea

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

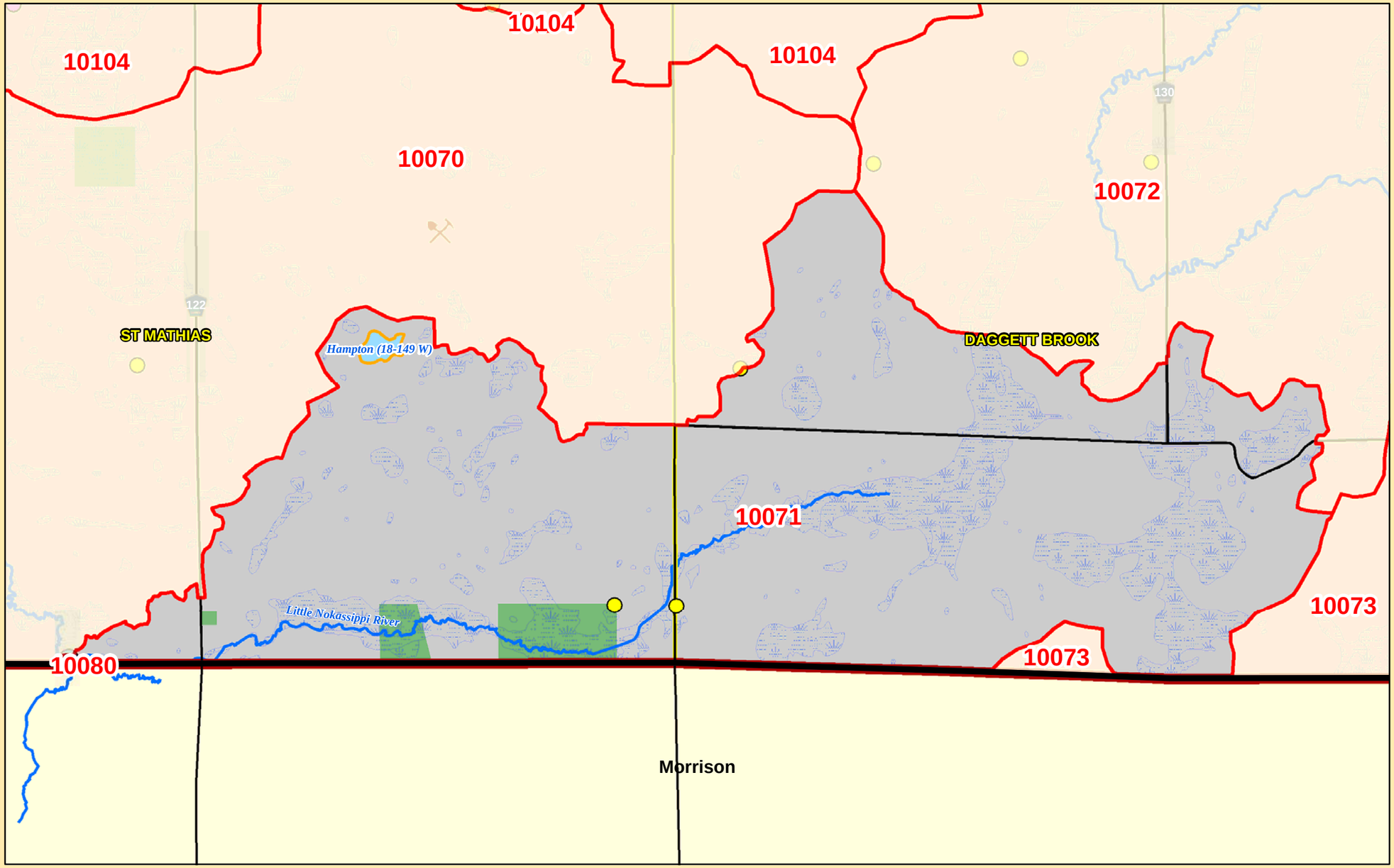
- State Park
- State Recreation Area
- Scientific and Natural Area Boundaries
- Wildlife Management Areas
- Conservation Easements
- Public Land
- 30 Lakes Watershed District
- Outlets of watersheds / catchments
- Minor Watersheds
- Major Watersheds

N W E S

0 0.75 1.5 Miles



Land Services
CROW WING COUNTY
BRAINERD, MINNESOTA 56401



Minor Watershed #	10071
Major Watershed Name	Mississippi River - Brainerd
Area (sq. miles)	6
Population 2010 (persons per sq. mile)	19
Population Change 2000 to 2010 (persons per sq. mile)	10
Surficial Geology	Till, drumlinized
% Slope (avg.)	7
% Forested (private)	27
% Disturbed Land Cover	54
% Developed	3
Extractive Uses	Minimal
# of Animal Units	92
Biological Diversity	Minimal
% Public Land	3
% Easements	0
% Lakes	0
% Streams	0
% Wetlands (private)	19
% Protected	**23**
Assigned Risk Level	**Enhance**
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	x
Ecological Sensitive Areas	
Bluffs & Steep Slopes	
Public & Private Drainage	
Development (existing and potential)	
Private Forest Stewardship	
Ground Water	
Septic Systems	
Wellhead Protection	

- Public Waterworks
- Water Use: Air Conditioning
- Water Use: Industrial Processing
- Irrigation: Crop
- Irrigation: Non Crop
- Water Use: Special Categories
- Wellhead Protection Areas
- Drinking Water Source Protection Areas

Feedlots (by primary animal)
- BIRDS
- BOVINES
- HORSES
- PIGS
- Water Access Sites
- Active Gravel Pits

- U.S. Highways
- State Highways
- County Roads
- Paul Bunyan State Trail
- Cities / Townships
- Mississippi River
- Streams
- County Ditches
- Wetlands (from NWI)

Trout, Rice, and Cisco Lakes
- Cisco
- Cisco and Wild Rice
- Cisco and Trout
- Wild Rice
- Trout

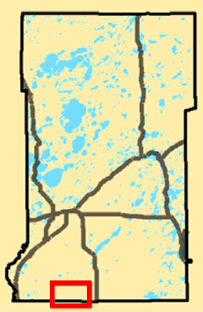
Infested Lakes
- Milfoil
- Milfoil, Zebra Mussels
- Zebra Mussels
- Milfoil, Zebra Mussels, Spiny Water Flea

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

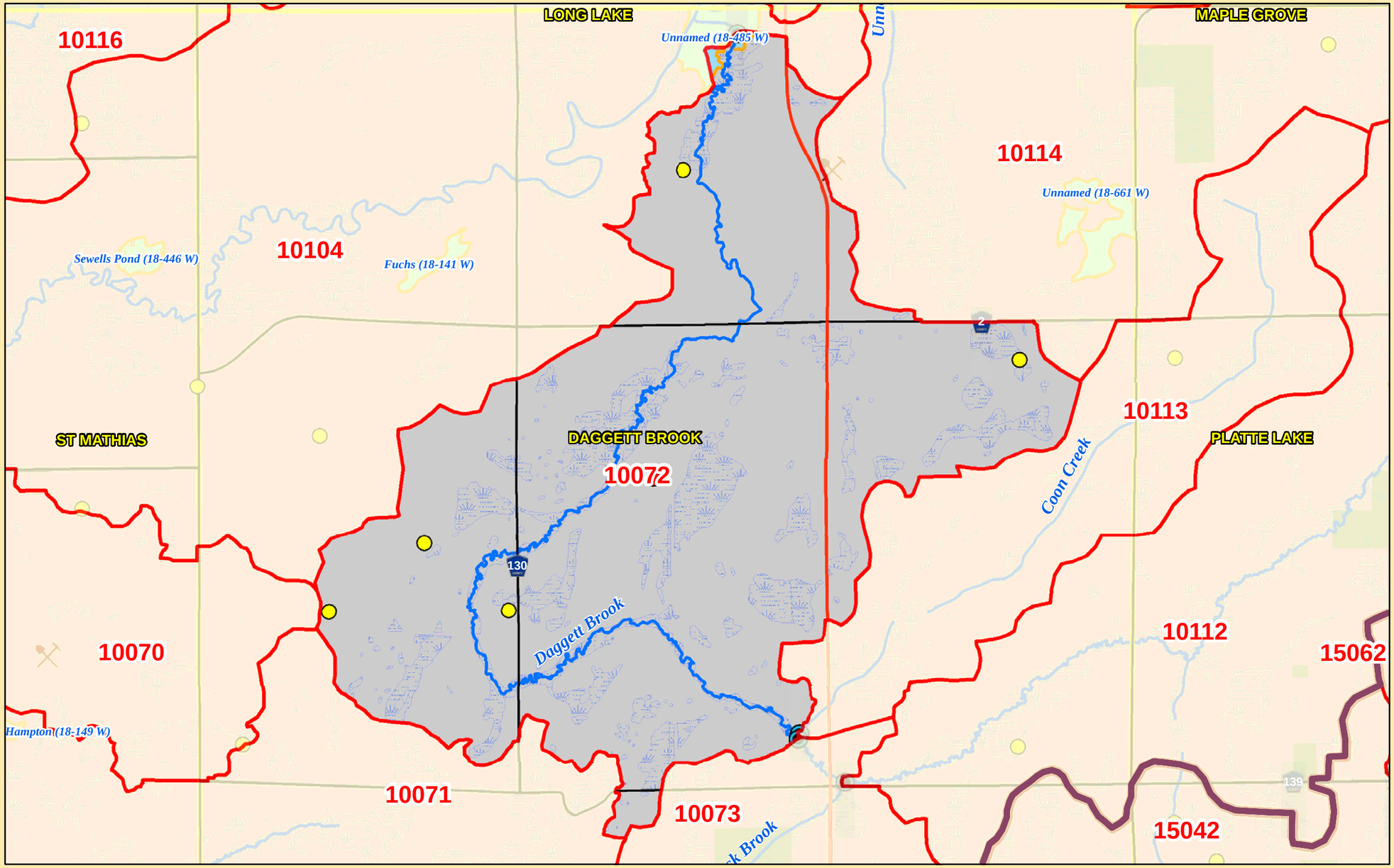
- State Park
- State Recreation Area
- Scientific and Natural Area Boundaries
- Wildlife Management Areas
- Conservation Easements
- Public Land
- 30 Lakes Watershed District
- Outlets of watersheds / catchments
- Minor Watersheds
- Major Watersheds

N W E S

0 0.5 1 Miles



Land Services
CROW WING COUNTY
BRAINERD, MINNESOTA 56401



Minor Watershed #	10072
Major Watershed Name	Mississippi River - Brainerd
Area (sq. miles)	11
Population 2010 (persons per sq. mile)	17
Population Change 2000 to 2010 (persons per sq. mile)	2
Surficial Geology	Till, drumlinized
% Slope (avg.)	7
% Forested (private)	23
% Disturbed Land Cover	63
% Developed	5
Extractive Uses	Minimal
# of Animal Units	1009
Biological Diversity	Minimal
% Public Land	0
% Easements	0
% Lakes	0
% Streams	0
% Wetlands (private)	16
% Protected	**17**
Assigned Risk Level	**Enhance**
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	x
Ecological Sensitive Areas	
Bluffs & Steep Slopes	
Public & Private Drainage	
Development (existing and potential)	
Private Forest Stewardship	
Ground Water	
Septic Systems	
Wellhead Protection	

- Public Waterworks
- Water Use: Air Conditioning
- Water Use: Industrial Processing
- Irrigation: Crop
- Irrigation: Non Crop
- Water Use: Special Categories
- Wellhead Protection Areas
- Drinking Water Source Protection Areas

Feedlots (by primary animal)
- BIRDS
- BOVINES
- HORSES
- PIGS
- Water Access Sites
- Active Gravel Pits

- U.S. Highways
- State Highways
- County Roads
- Paul Bunyan State Trail
- Cities / Townships
- Mississippi River
- Streams
- County Ditches
- Wetlands (from NWI)

Trout, Rice, and Cisco Lakes
- Cisco
- Cisco and Wild Rice
- Cisco and Trout
- Wild Rice
- Trout

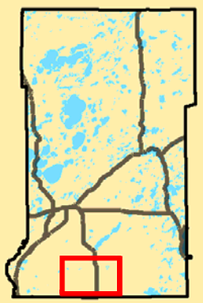
Infested Lakes
- Milfoil
- Milfoil, Zebra Mussels
- Zebra Mussels
- Milfoil, Zebra Mussels, Spiny Water Flea

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

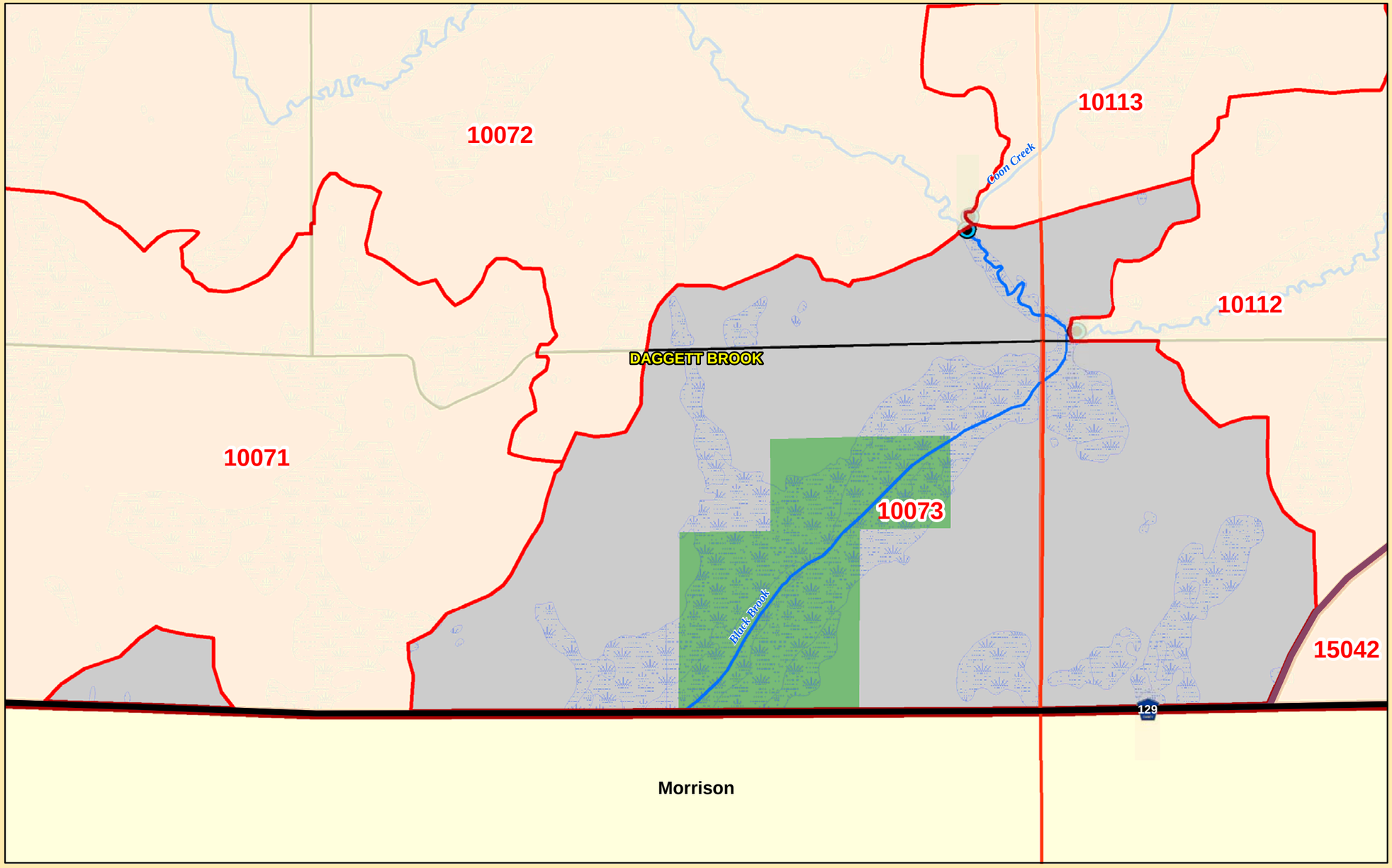
- State Park
- State Recreation Area
- Scientific and Natural Area Boundaries
- Wildlife Management Areas
- Conservation Easements
- Public Land
- 30 Lakes Watershed District
- Outlets of watersheds / catchments
- Minor Watersheds
- Major Watersheds

N W E S

0 0.75 1.5 Miles



Land Services
CROW WING COUNTY
BRAINERD, MINNESOTA 56401



Minor Watershed #	10073
Major Watershed Name	Mississippi River - Brainerd
Area (sq. miles)	2
Population 2010 (persons per sq. mile)	7
Population Change 2000 to 2010 (persons per sq. mile)	2
Surficial Geology	Till, drumlinized
% Slope (avg.)	5
% Forested (private)	25
% Disturbed Land Cover	44
% Developed	4
Extractive Uses	Minimal
# of Animal Units	0
Biological Diversity	Minimal
% Public Land	15
% Easements	0
% Lakes	0
% Streams	0
% Wetlands (private)	17
% Protected	**33**
Assigned Risk Level	**Enhance**
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	

- Public Waterworks
- Water Use: Air Conditioning
- Water Use: Industrial Processing
- Irrigation: Crop
- Irrigation: Non Crop
- Water Use: Special Categories
- Wellhead Protection Areas
- Drinking Water Source Protection Areas

Feedlots (by primary animal)
- BIRDS
- BOVINES
- HORSES
- PIGS
- Water Access Sites
- Active Gravel Pits

- U.S. Highways
- State Highways
- County Roads
- Paul Bunyan State Trail
- Cities / Townships
- Mississippi River
- Streams
- County Ditches
- Wetlands (from NWI)

Trout, Rice, and Cisco Lakes
- Cisco
- Cisco and Wild Rice
- Cisco and Trout
- Wild Rice
- Trout

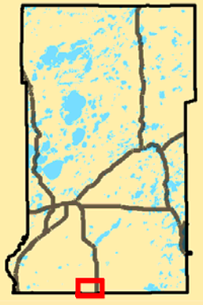
Infested Lakes
- Milfoil
- Milfoil, Zebra Mussels
- Zebra Mussels
- Milfoil, Zebra Mussels, Spiny Water Flea

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

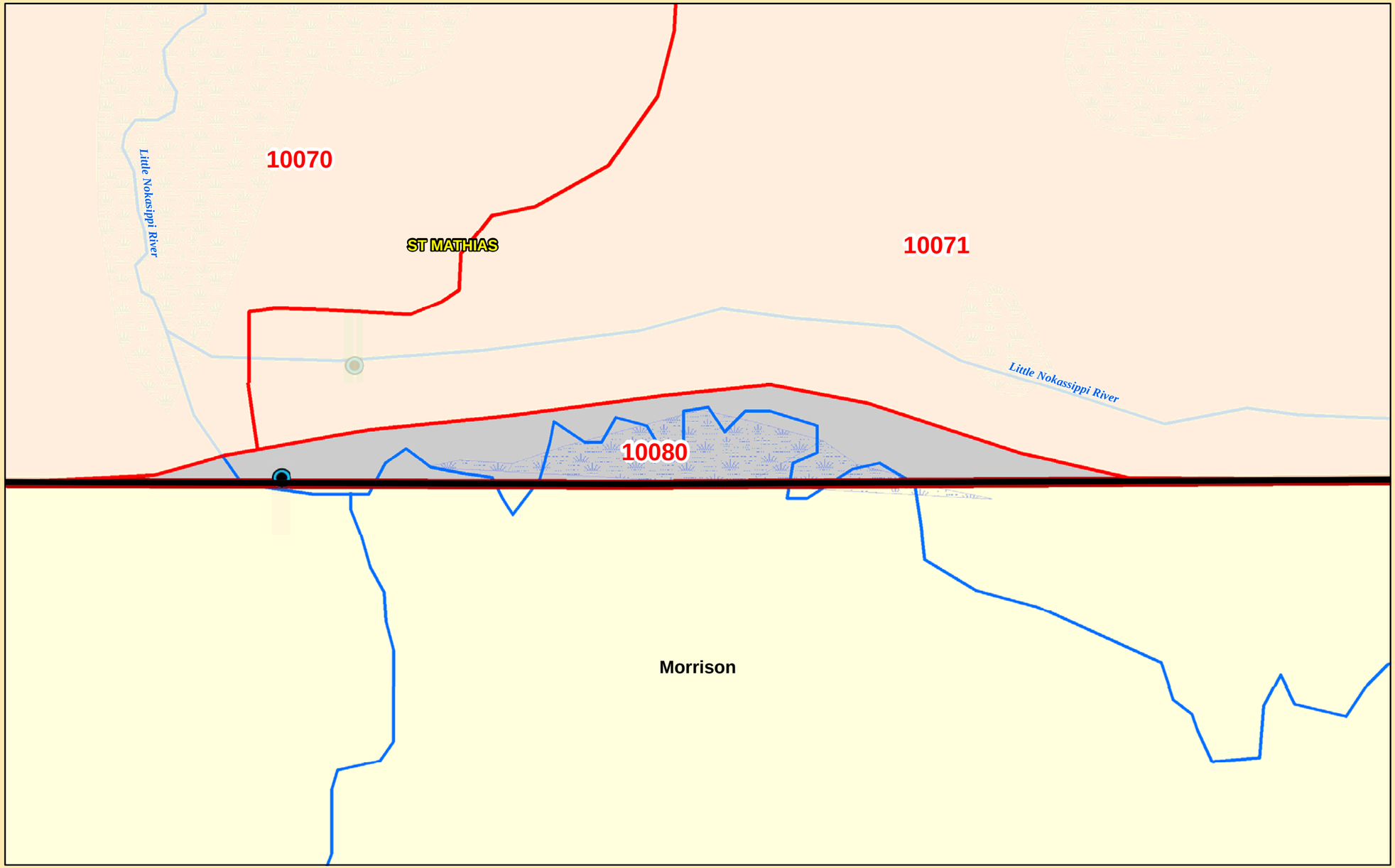
- State Park
- State Recreation Area
- Scientific and Natural Area Boundaries
- Wildlife Management Areas
- Conservation Easements
- Public Land
- 30 Lakes Watershed District
- Outlets of watersheds / catchments
- Minor Watersheds
- Major Watersheds

N W E S

0 0.375 0.75 Miles



Land Services
CROW WING COUNTY
BRAINERD, MINNESOTA 56401



Minor Watershed #	10080
Major Watershed Name	Mississippi River - Brainerd
Area (sq. miles)	0
Population 2010 (persons per sq. mile)	0
Population Change 2000 to 2010 (persons per sq. mile)	-11
Surficial Geology	Glacial Till
% Slope (avg.)	1
% Forested (private)	9
% Disturbed Land Cover	64
% Developed	60
Extractive Uses	Minimal
# of Animal Units	0
Biological Diversity	Minimal
% Public Land	0
% Easements	0
% Lakes	0
% Streams	17
% Wetlands (private)	15
% Protected	**32**
Assigned Risk Level	**Enhance / Protection**
Implementation Priorities	
Top 24 Priority Watershed	
Surface Water	
Aquatic Invasive Species	
Stormwater	x
Shoreline Buffers	x
Lake Focus: Recreational Use & Development	
Lake Focus: Wild Rice / Wildlife	
Rivers / Floodplains	x
Agricultural BMPs	
Ecological Sensitive Areas	
Bluffs & Steep Slopes	
Public & Private Drainage	
Development (existing and potential)	x
Private Forest Stewardship	
Ground Water	
Septic Systems	
Wellhead Protection	

- Public Waterworks
- Water Use: Air Conditioning
- Water Use: Industrial Processing
- Irrigation: Crop
- Irrigation: Non Crop
- Water Use: Special Categories
- Wellhead Protection Areas
- Drinking Water Source Protection Areas

Feedlots (by primary animal)
- BIRDS
- BOVINES
- HORSES
- PIGS
- Water Access Sites
- Active Gravel Pits

- U.S. Highways
- State Highways
- County Roads
- Paul Bunyan State Trail
- Cities / Townships
- Mississippi River
- Streams
- County Ditches
- Wetlands (from NWI)

Trout, Rice, and Cisco Lakes
- Cisco
- Cisco and Wild Rice
- Cisco and Trout
- Wild Rice
- Trout

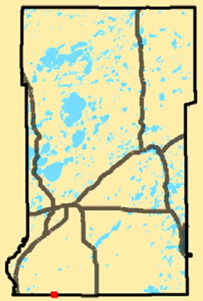
Infested Lakes
- Milfoil
- Milfoil, Zebra Mussels
- Zebra Mussels
- Milfoil, Zebra Mussels, Spiny Water Flea

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

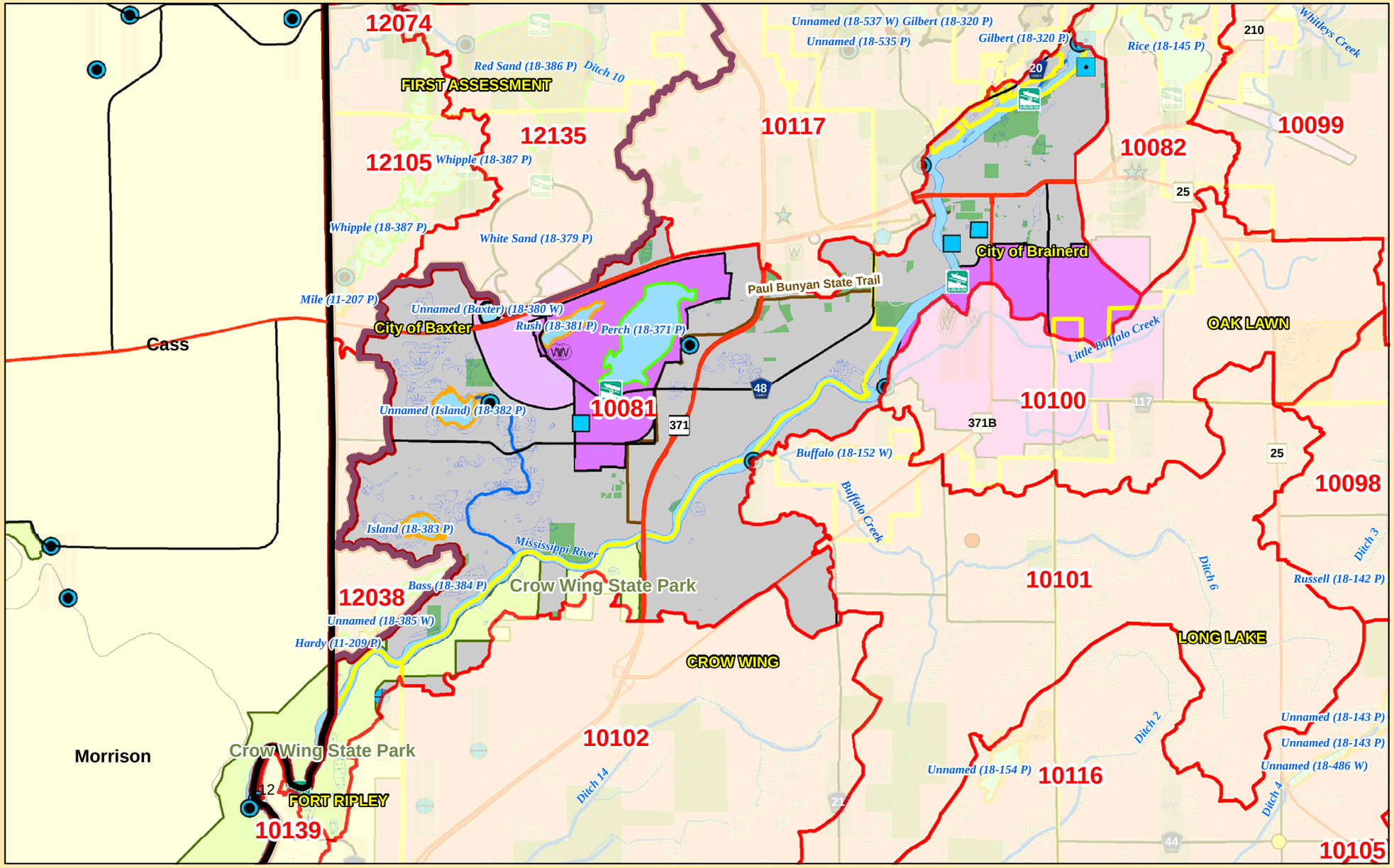
- State Park
- State Recreation Area
- Scientific and Natural Area Boundaries
- Wildlife Management Areas
- Conservation Easements
- Public Land
- 30 Lakes Watershed District
- Outlets of watersheds / catchments
- Minor Watersheds
- Major Watersheds

N W E S

0 0.025 0.05 Miles



Land Services
CROW WING COUNTY
BRAINERD, MINNESOTA 56401



Minor Watershed #	10081
Major Watershed Name	Mississippi River - Brainerd
Area (sq. miles)	18
Population 2010 (persons per sq. mile)	557
Population Change 2000 to 2010 (persons per sq. mile)	7
Surficial Geology	Glacial Lake Brainerd (fine sand)
% Slope (avg.)	11
% Forested (private)	22
% Disturbed Land Cover	34
% Developed	26
Extractive Uses	Minimal
# of Animal Units	0
Biological Diversity	Partially High
% Public Land	16
% Easements	0
% Lakes	4
% Streams	5
% Wetlands (private)	16
% Protected	**41**
Assigned Risk Level	**Enhance**
Implementation Priorities	
Top 24 Priority Watershed	
Surface Water	
Aquatic Invasive Species	x
Stormwater	x
Shoreline Buffers	x
Lake Focus: Recreational Use & Development	x
Lake Focus: Wild Rice / Wildlife	x
Rivers / Floodplains	x
Agricultural BMPs	
Ecological Sensitive Areas	x
Bluffs & Steep Slopes	
Public & Private Drainage	
Development (existing and potential)	x
Private Forest Stewardship	
Ground Water	
Septic Systems	x
Wellhead Protection	x

- Public Waterworks
- Water Use: Air Conditioning
- Water Use: Industrial Processing
- Irrigation: Crop
- Irrigation: Non Crop
- Water Use: Special Categories
- Wellhead Protection Areas
- Drinking Water Source Protection Areas

Feedlots (by primary animal)
- BIRDS
- BOVINES
- HORSES
- PIGS
- Water Access Sites
- Active Gravel Pits

- U.S. Highways
- State Highways
- County Roads
- Paul Bunyan State Trail
- Cities / Townships
- Mississippi River
- Streams
- County Ditches
- Wetlands (from NWI)

Trout, Rice, and Cisco Lakes
- Cisco
- Cisco and Wild Rice
- Cisco and Trout
- Wild Rice
- Trout

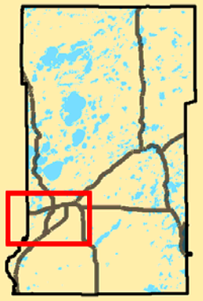
Infested Lakes
- Milfoil
- Milfoil, Zebra Mussels
- Zebra Mussels
- Milfoil, Zebra Mussels, Spiny Water Flea

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

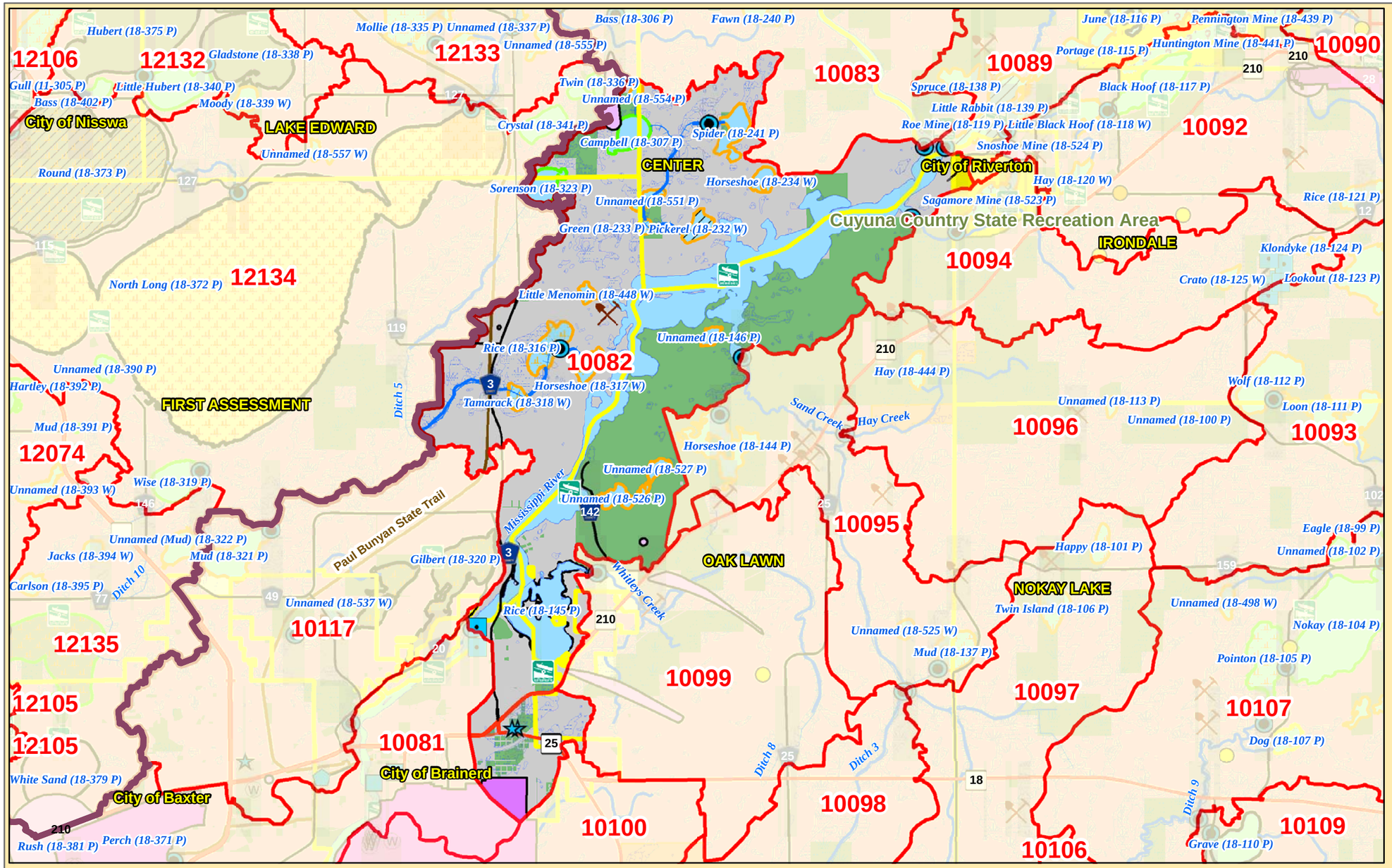
- State Park
- State Recreation Area
- Scientific and Natural Area Boundaries
- Wildlife Management Areas
- Conservation Easements
- Public Land
- 30 Lakes Watershed District
- Outlets of watersheds / catchments
- Minor Watersheds
- Major Watersheds

N W E S

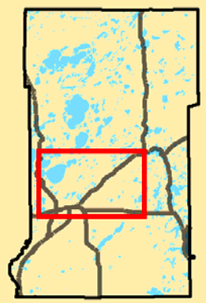
0 1 2 Miles



Land Services
CROW WING COUNTY
BRAINERD, MINNESOTA 56401



Minor Watershed #	10082
Major Watershed Name	Mississippi River - Brainerd
Area (sq. miles)	22
Population 2010 (persons per sq. mile)	155
Population Change 2000 to 2010 (persons per sq. mile)	-19
Surficial Geology	Glacial Lake Brainerd (fine sand) / Brainerd Ice Contact (sand & gravel)
% Slope (avg.)	13
% Forested (private)	29
% Disturbed Land Cover	19
% Developed	10
Extractive Uses	Moderate
# of Animal Units	0
Biological Diversity	Moderately High
% Public Land	21
% Easements	0
% Lakes	8
% Streams	11
% Wetlands (private)	9
% Protected	**49**
Assigned Risk Level	**Protection**
Implementation Priorities	
Top 24 Priority Watershed	x
Surface Water	
Aquatic Invasive Species	x
Stormwater	x
Shoreline Buffers	x
Lake Focus: Recreational Use & Development	x
Lake Focus: Wild Rice / Wildlife	x
Rivers / Floodplains	x
Agricultural BMPs	
Ecological Sensitive Areas	x
Bluffs & Steep Slopes	x
Public & Private Drainage	
Development (existing and potential)	x
Private Forest Stewardship	
Ground Water	
Septic Systems	x
Wellhead Protection	x



- Public Waterworks
- Water Use: Air Conditioning
- Water Use: Industrial Processing
- Irrigation: Crop
- Irrigation: Non Crop
- Water Use: Special Categories
- Wellhead Protection Areas
- Drinking Water Source Protection Areas

Feedlots (by primary animal)
- BIRDS
- BOVINES
- HORSES
- PIGS
- Water Access Sites
- Active Gravel Pits

- U.S. Highways
- State Highways
- County Roads
- Paul Bunyan State Trail
- Cities / Townships
- Mississippi River
- Streams
- County Ditches
- Wetlands (from NWI)

Trout, Rice, and Cisco Lakes
- Cisco
- Cisco and Wild Rice
- Cisco and Trout
- Wild Rice
- Trout

Infested Lakes
- Milfoil
- Milfoil, Zebra Mussels
- Zebra Mussels
- Milfoil, Zebra Mussels, Spiny Water Flea

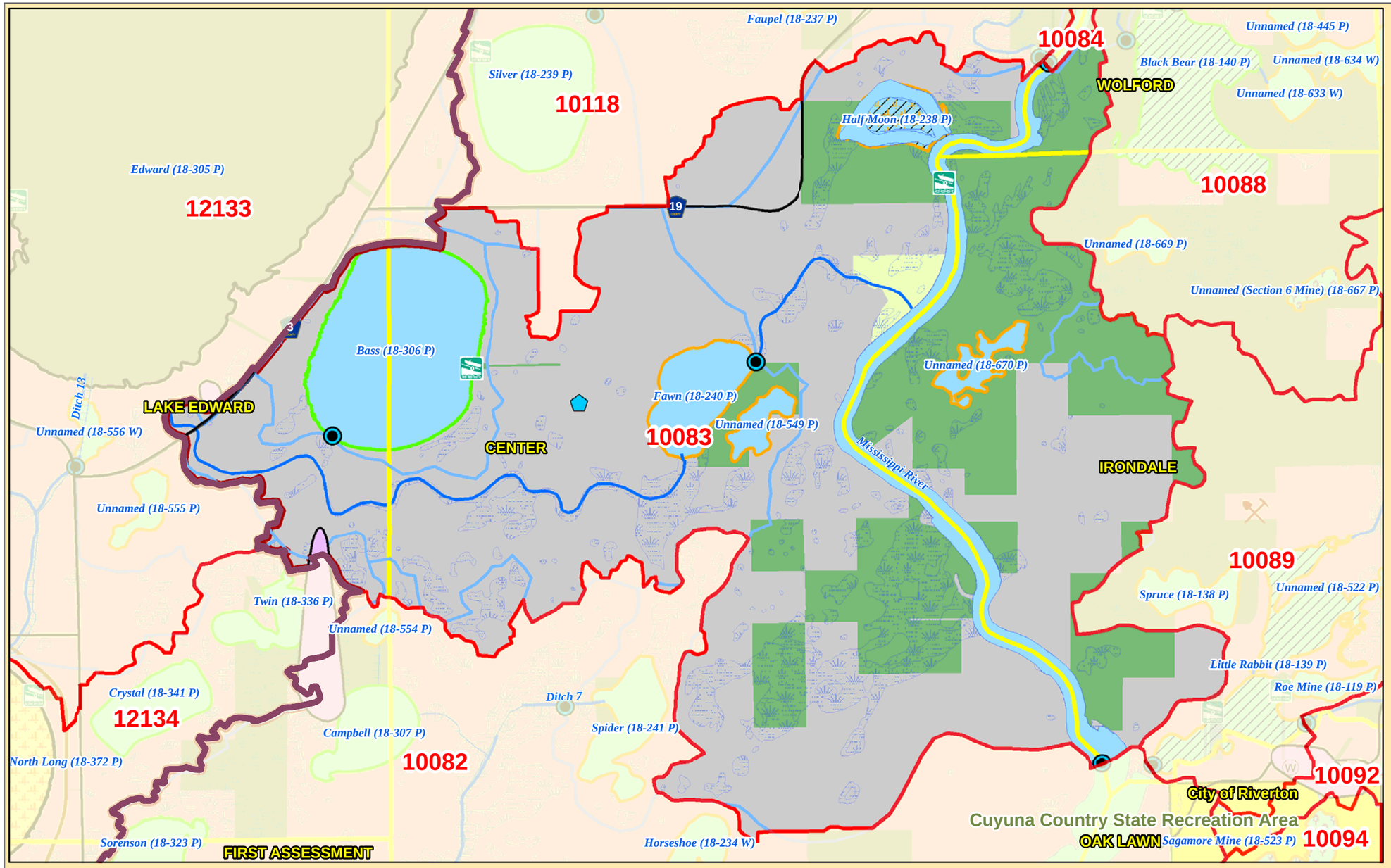
Lakes (Classification & Water Quality Status)
- General Development (GD)
- Recreational Development (RD)
- Natural Environment (NE)
- Natural Environment-Special Shallow (NE-SS)
- Impaired: Nutrients
- Improving
- Declining
- No Trend
- No Trend / Declining
- Multiple Trends
- Not Assessed

- 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
- Major Watersheds
- Minor Watersheds

N W E S

0 1.75 3.5 Miles

Land Services
CROW WING COUNTY
BRAINERD, MINNESOTA 56401



Minor Watershed #	10083
Major Watershed Name	Mississippi River - Brainerd
Area (sq. miles)	11
Population 2010 (persons per sq. mile)	23
Population Change 2000 to 2010 (persons per sq. mile)	4
Surficial Geology	Outwash (sand & gravel) / Glacial Lake Brainerd (fine sand)
% Slope (avg.)	10
% Forested (private)	33
% Disturbed Land Cover	11
% Developed	2
Extractive Uses	Minimal
# of Animal Units	0
Biological Diversity	Partially Moderate
% Public Land	33
% Easements	1
% Lakes	10
% Streams	3
% Wetlands (private)	7
% Protected	**53**
Assigned Risk Level	**Vigilance**
Implementation Priorities	
Top 24 Priority Watershed	
Surface Water	
Aquatic Invasive Species	x
Stormwater	x
Shoreline Buffers	x
Lake Focus: Recreational Use & Development	x
Lake Focus: Wild Rice / Wildlife	x
Rivers / Floodplains	x
Agricultural BMPs	
Ecological Sensitive Areas	
Bluffs & Steep Slopes	
Public & Private Drainage	
Development (existing and potential)	
Private Forest Stewardship	x
Ground Water	
Septic Systems	x
Wellhead Protection	x

- Public Waterworks
- Water Use: Air Conditioning
- Water Use: Industrial Processing
- Irrigation: Crop
- Irrigation: Non Crop
- Water Use: Special Categories
- Drinking Water Source Protection Areas
- Wellhead Protection Areas

Feedlots (by primary animal)
- BIRDS
- BOVINES
- HORSES
- PIGS
- Water Access Sites
- Active Gravel Pits

- U.S. Highways
- State Highways
- County Roads
- Paul Bunyan State Trail
- Cities / Townships
- Mississippi River
- Streams
- County Ditches
- Wetlands (from NWI)

Trout, Rice, and Cisco Lakes
- Cisco
- Cisco and Wild Rice
- Cisco and Trout
- Wild Rice
- Trout

Infested Lakes
- Milfoil
- Milfoil, Zebra Mussels
- Zebra Mussels
- Milfoil, Zebra Mussels, Spiny Water Flea

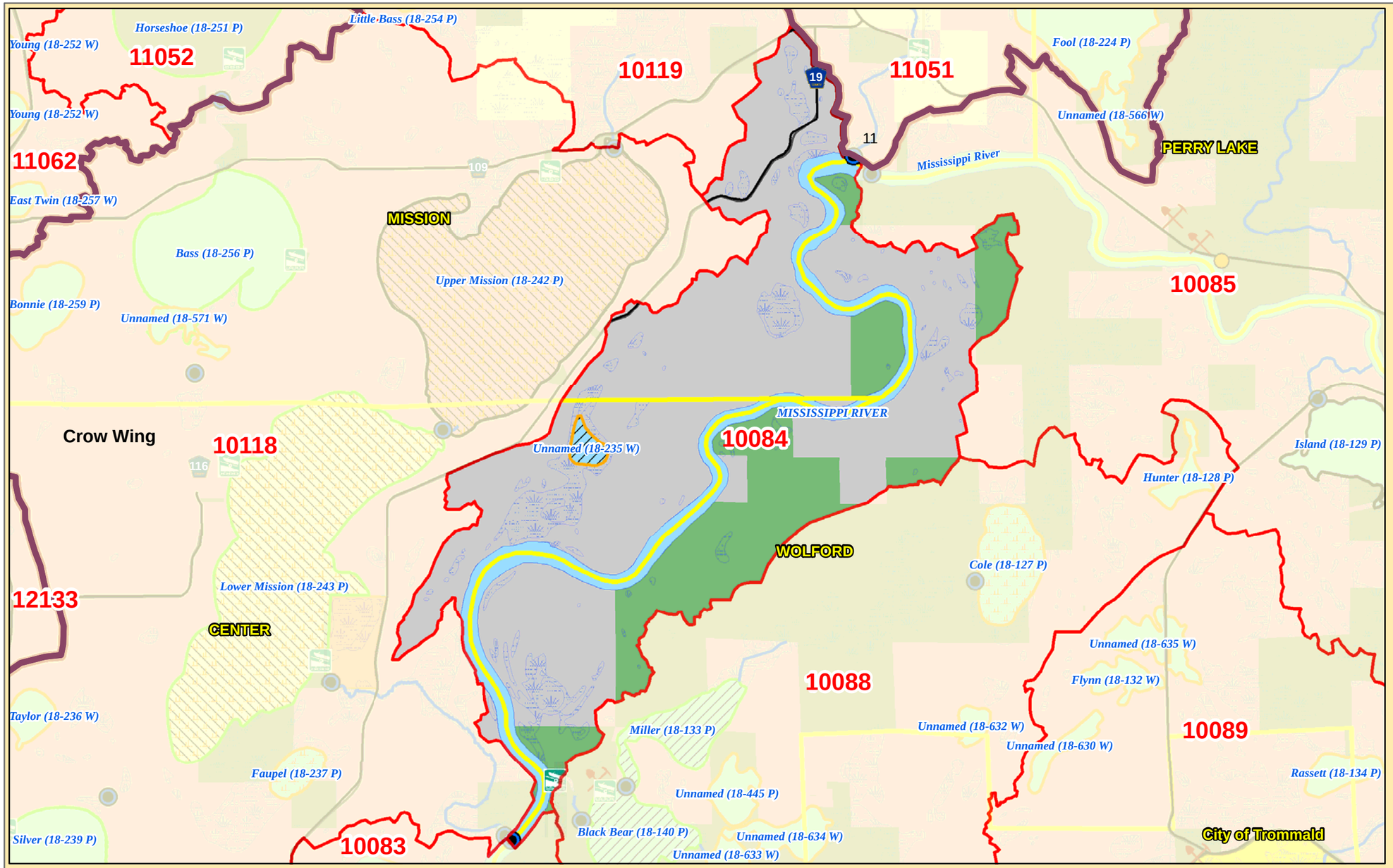
Lakes (Classification & Water Quality Status)
- GD
- RD
- NE
- NE-SP
- Impaired: Nutrients
- Improving
- Declining
- No Trend
- No Trend / Declining
- Multiple Trends
- Not Assessed

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

N W E S

0 0.5 1 Miles

Land Services
CROW WING COUNTY
BRAINERD, MINNESOTA 56401



Minor Watershed #	10084
Major Watershed Name	Mississippi River - Brainerd
Area (sq. miles)	5
Population 2010 (persons per sq. mile)	11
Population Change 2000 to 2010 (persons per sq. mile)	-1
Surficial Geology	Mixed
% Slope (avg.)	13
% Forested (private)	53
% Disturbed Land Cover	4
% Developed	1
Extractive Uses	Minimal
# of Animal Units	0
Biological Diversity	Partially Moderate
% Public Land	35
% Easements	0
% Lakes	1
% Streams	8
% Wetlands (private)	8
% Protected	**51**
Assigned Risk Level	**Vigilance**
Implementation Priorities	
Top 24 Priority Watershed	
Surface Water	
Aquatic Invasive Species	x
Stormwater	x
Shoreline Buffers	x
Lake Focus: Recreational Use & Development	
Lake Focus: Wild Rice / Wildlife	
Rivers / Floodplains	x
Agricultural BMPs	
Ecological Sensitive Areas	
Bluffs & Steep Slopes	x
Public & Private Drainage	
Development (existing and potential)	
Private Forest Stewardship	x
Ground Water	
Septic Systems	x
Wellhead Protection	

- Public Waterworks
- Water Use: Air Conditioning
- Water Use: Industrial Processing
- Irrigation: Crop
- Irrigation: Non Crop
- Water Use: Special Categories
- Drinking Water Source Protection Areas
- Wellhead Protection Areas

Feedlots (by primary animal)
- BIRDS
- BOVINES
- HORSES
- PIGS
- Water Access Sites
- Active Gravel Pits

- U.S. Highways
- State Highways
- County Roads
- Paul Bunyan State Trail
- Cities / Townships
- Mississippi River
- Streams
- County Ditches
- Wetlands (from NWI)

Trout, Rice, and Cisco Lakes
- Cisco
- Cisco and Wild Rice
- Cisco and Trout
- Wild Rice
- Trout

Infested Lakes
- Milfoil
- Milfoil, Zebra Mussels
- Zebra Mussels
- Milfoil, Zebra Mussels, Spiny Water Flea

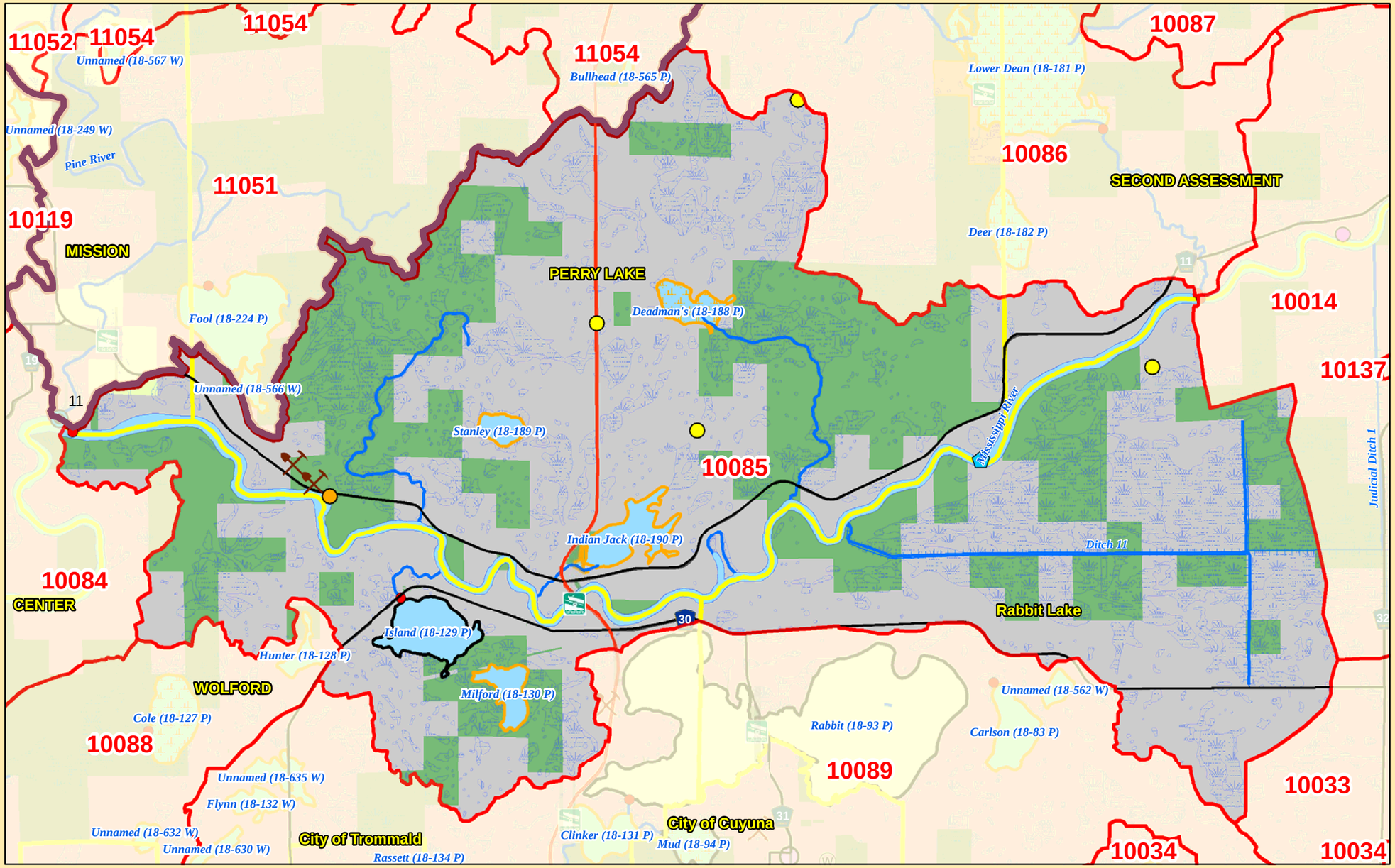
Lakes (Classification & Water Quality Status)
- GD
- RD
- NE
- NE-SP
- Impaired: Nutrients
- Improving
- Declining
- No Trend
- No Trend / Declining
- Multiple Trends
- Not Assessed

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

N W E S

0 0.5 1 Miles

Environmental Services
CROW WING COUNTY
BRAINERD, MINNESOTA 56401



Minor Watershed #	10085
Major Watershed Name	Mississippi River - Brainerd
Area (sq. miles)	28
Population 2010 (persons per sq. mile)	14
Population Change 2000 to 2010 (persons per sq. mile)	2
Surficial Geology	Glacial Till / Outwash (sand & gravel) / Glacial Lake Aitkin (fine sand)
% Slope (avg.)	9
% Forested (private)	29
% Disturbed Land Cover	13
% Developed	3
Extractive Uses	Moderate
# of Animal Units	880
Biological Diversity	Moderately High
% Public Land	35
% Easements	0
% Lakes	3
% Streams	2
% Wetlands (private)	19
% Protected	**59**
Assigned Risk Level	**Protection**
Implementation Priorities	
Top 24 Priority Watershed	
Surface Water	
Aquatic Invasive Species	
Stormwater	x
Shoreline Buffers	x
Lake Focus: Recreational Use & Development	x
Lake Focus: Wild Rice / Wildlife	x
Rivers / Floodplains	x
Agricultural BMPs	x
Ecological Sensitive Areas	x
Bluffs & Steep Slopes	
Public & Private Drainage	x
Development (existing and potential)	
Private Forest Stewardship	
Ground Water	
Septic Systems	x
Wellhead Protection	

- Public Waterworks
- Water Use: Air Conditioning
- Water Use: Industrial Processing
- Irrigation: Crop
- Irrigation: Non Crop
- Water Use: Special Categories
- Wellhead Protection Areas
- Drinking Water Source Protection Areas

Feedlots (by primary animal)

- BIRDS
- BOVINES
- HORSES
- PIGS
- Water Access Sites
- Active Gravel Pits

- U.S. Highways
- State Highways
- County Roads
- Paul Bunyan State Trail
- Cities / Townships
- Mississippi River
- Streams
- County Ditches
- Wetlands (from NWI)

Trout, Rice, and Cisco Lakes

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

Infested Lakes

- Milfoil
- Milfoil, Zebra Mussels
- Zebra Mussels
- Milfoil, Zebra Mussels, Spiny Water Flea

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

- 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

N W E S

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Land Services
CROW WING COUNTY
BRAINERD, MINNESOTA 56401