APPENDIX 1: INDIVIDUAL WATERSHED MAPS

Pine River Watershed (43 minor watersheds):

Part 1:

11001 East Cr
11002 Little Pine R
11003 Unknown DNR Minor Watershed Name
11004 Mud Bk
11005 Johnson Cr
11009 Lizzie Cr
11013 Pine R
11014 Arvig Cr
11015 Pine R
11016 Hay Cr
11030 Blind Lake Cr
11031 From Jail L
11032 Thompson Cr
11033 Fox Cr
11034 Hay Cr
11040 Daggett Cr
11041 Crooked Cr
11043 From Lawrence L
11044 Unknown DNR Minor Watershed Name
11045 Little Pine R
11046 From Little Pine L
11047 Hay Cr
11048 Mud Bk
Birchdale (18-175 P)
Mud (18-166 P)
Snodgrass (18-174 P)
Bass (18-173 P)
Unnamed (18-666 P)
Unnamed (18-578 P)
Unnamed (18-574 P)
Unnamed (18-576 W)
I Island (18-183 P)
Brown (1-210 P)

ROSS LAKE
LITTLE PINERiver

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

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

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

Major Watershed # 11005
Area (sq. miles) 4
Population 2010 (persons per sq. mile) 1
Population Change 2000 to 2010 (persons per sq. mile) 0

Surficial Geology
- Glacial Till

% Slope (avg.) 8
% Forested (private) 21
% Developed

% Public Land 69
% Easements 0
% Lakes 0
% Streams 0
% Wetlands (private) 14

% Protected 64

Assigned Risk Level Vigilance
- Top 24 Priority Watershed
- Surface Water
  - Aquatic Invasive Species
  - Stormwater
  - Lake Focus: Recreational Use & Development
  - Lake Focus: Wild Rice / Wildlife
  - Rivers / Floodplains
  - Agricultural BMPs
  - Ecological Sensitive Areas
  - Bluffs & Steep Slopes
  - Public & Private Drainage
  - Private Forest Stewardship

Ground Water
- Public & Private Septic Systems
- Septic Systems

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

- Ground Water
  - Public & Private Septic Systems
  - Septic Systems
**Little Pine (11046)**

- **Cass**
- **Ditch 15**
- **West Creek (To Basin 176)**
- **Unnamed to Little Pine River**

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**Water Use:**
- Air Conditioning
- Industrial Processing
- Irrigation: Crop
- Irrigation: Non-Crop
- Special Categories

**Public Waterworks**
- Drinking Water Source Protection Areas
- Wellhead Protection Areas

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

**Surficial Geology:**
- Glacial Till

**% Slope (avg.):** 7

**% Forested (private):** 23

**% Developed:** 1

**% Developed:** 2

**% Extractive Uses:**
- Minimal

**# of Animal Units:**
- 0

**Biological Diversity:**
- High

**% Public Land:**
- 32

**% Easements:**
- 0

**% Lakes:**
- 12

**% Streams:**
- 0

**% Wetlands (private):**
- 11

**% Protected:**
- 55

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<table>
<thead>
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<th>Major Watershed #</th>
<th>11046</th>
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<tbody>
<tr>
<td><strong>Major Watershed Name</strong></td>
<td>Pine River</td>
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<td><strong>Area (sq. miles)</strong></td>
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<tr>
<td><strong>Population 2010 (persons per sq. mile)</strong></td>
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<tr>
<td><strong>Population Change 2000 to 2010</strong></td>
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</tr>
<tr>
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**Assigned Risk Level:**
- Vigilance

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

**Ground Water:**
- Public & Private Drainage

**Surface Water:**
- Aquatic Invasive Species

**Outlets of watersheds / catchments:**
- Major Watersheds
- Minor Watersheds

**Invasive Species:**
- Stormwater
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**Assignments:**
- 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

---

**Map Details:**
- U.S. Highways
- State Highways
- County Roads
- Mississippi River
- Streams
- Active Gravel Pits
- Ditches
- State Parks
- State Recreation Areas
- Scientific and Natural Areas
- Wildlife Management Areas
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- Outlets of watersheds / catchments
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- Minor Watersheds
- Land Services

---

**Legend:**
- U.S. Highways
- State Highways
- County Roads
- Paul Bunyan State Trail
- Cities / Townships
- Streams
- Ditches
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**Population:**
- 2010 (persons per sq. mile)
- Change 2000 to 2010 (persons per sq. mile)

**Population Change:**
- 1

**Slope:**
- 7

**Forested:**
- 23

**Developed:**
- 1

**Easements:**
- 0

**Lakes:**
- 12

**Streams:**
- 0

**Wetlands:**
- 11

**Protected:**
- 55

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