

**Smart Growth Committee
Natural Resources Report**

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I. Assets

- A. Lake
 - 1. Marina
 - 2. Beach
 - 3. Boat landing
 - 4. Fish (commercial, game and other)
- B. Bluff as backdrop
- C. Parks and green space
 - 1. Village park
 - 2. County overlook
 - 3. Yard and boulevard trees
 - 4. School grounds
- D. Groundwater
- E. Soil
 - 1. Topsoil
 - 2. Subsoil
- F. Atmosphere
 - 1. Clean air
 - 2. Night sky
 - 3. Peace and quiet
 - 4. Clean streets
 - 5. Open space
- G. Flora and fauna
 - 1. Natural areas
 - i. Prairie remnant toward Mill Pond Road
 - ii. Native prickly pear cactus along Hwy 35, area is close to the northernmost habitat for six lined race runner lizard
 - 2. Deer, eagles, turkey, fish, ducks, geese, songbirds, etc. are enjoyed by residents and draw tourists to the area for viewing and hunting

II. Potential threats

- A. Lake
 - 1. Concentration of pollutants as silt and chemical pollution from up river settle in the lake as current slows
 - 2. Fertilizer and chemical run off from fields and lawns
 - 3. Wastewater from treatment plants
 - 4. Pollution and raised water temperature from street runoff
 - 5. Zebra mussels and non-native fish
 - 6. Railroad spills
 - 7. Development in flood zone
 - 8. Floodwater carrying contaminants into river
 - 9. Sediment disturbed by dredging

10. Water temperature raised by Prairie Island power plant

B. Bluff as backdrop

1. Development
2. Demand for more communication towers

C. Groundwater

1. Poor filtration by sand
2. Private wells and septic systems in sand
3. Lawn and agricultural chemicals
4. Old municipal dump areas
5. Fuel leaks from old gasoline storage
6. Irrigation demand for agriculture and lawns
7. Salt applied to streets
8. Over fishing

D. Soil

1. Topsoil
 - i. Removal during construction, agriculture, erosion
2. Subsoil
 - i. Sand. Commercial quarrying of sand is not appropriate use of land within village

E. Atmosphere

1. Clean air
 - i. Leaf and trash burning, some wood stoves, idling trucks
 - ii. Heat island effect – increase in air temperature over roofs and pavement as opposed to vegetation
2. Night sky
 - i. Outdoor lighting, illuminated signs
3. Peace and quiet
 - i. Trucks, trains, motorcycles, village siren, snow mobiles
 - ii. Speedboats, jet skis
4. Clean streets
 - i. Litter
5. Open space
 - i. Subdivision of properties

F. Flora and Fauna

1. Development of natural areas
2. Reduction of habitat

III. Possible Improvements

A. Lake

1. Marina
 - i. Maintain shoreline/breakwaters
2. Beach
 - i. Create pleasant area for parents to watch children at beach
 - ii. More shade trees

- iii. Larger picnic space
 - 3. Boat landing
 - i. More shade trees
 - ii. Handicap accessible fishing pier
 - iii. Development of remote parking to ease congestion during waterfront events such as fishing contests
- B. Parks and green space
 - 1. Park could use more shade trees
 - 2. Trees lost on boulevards should be replaced
 - 3. A bike trail to Durand would connect Pepin to a large network
 - 4. An open village green other than the park, which has a number of structures and other installations, would be nice to have

IV. Other Committees or Government Agencies Involved

- A. Lake
 - 1. DNR
 - 2. Village street committee
 - 3. Transportation, agriculture, utilities and facilities committees
- B. Bluff as backdrop
 - 1. County bluff regulations
 - 2. Housing committee
 - 3. Mississippi River commission
- C. Parks and green space
 - 1. Community facilities committee
 - 2. Village board
- D. Groundwater
 - 1. DNR
 - 2. EPA
 - 3. Utilities, agriculture and housing committees
- E. Soil
 - 1. EPA
 - 2. DNR
 - 3. Agriculture, housing committees
- F. Atmosphere**
 - 1. DNR**
 - 2. EPA**
 - 3. Transportation, housing, economic development committees**
- G. Flora and fauna**
 - 1. DNR**
 - 2. Agriculture, cultural resources committees**