Huron Lake and Lower White River Millpond Management Planning Meeting

Fisheries
Huron Lake

40 acre seepage lake
Average depth of 24’
Max depth around 46’
Sampled in 2010
  Spring Electrofishing
  Largemouth bass and panfish
Next survey scheduled for 2018
Lower White River Millpond

133 acre flowage lake
Average depth of around 6’
Max depth around 20’
Sampled in 2013

Spring Electrofishing
Largemouth bass and panfish

Next survey scheduled for 2021
Largemouth Bass
Huron

• Very high abundance
  – Total of 297 sampled
  – 478/hour >8” (418/hour in 05)
• Size structure fair (5.8”- 14.9”)
  – PSD12 = 33% (20% in 05)
  – RSD14 = 3%
• Growth poor
  – 9 years to reach 14”
**Huron Lake Largemouth Bass**

- **Completed Summers of Growth**
- **Largemouth Bass Growth Rates**
- **Huron Lake, Waushara Co.**

**Statewide Average**

**Huron Lake - 2004**

**Mean Length (Inches)**

- **Number of fish**
- **Length (inches)**

**Huron Lake Largemouth Bass**

- **2010**
- **2005**

**Completed Summers of Growth**

- **Huron Lake 2004**
- **Statewide Average**
Panfish

Huron

• Bluegill
  – Fairly high abundance, 619/hour (418/hour in 05)
  – Size structure good (2.9”-10.4”)
    • PSD6 = 58% (57% in 05)
    • RSD7 = 33% (30% in 05)
  – Growth average – 6” between 4 and 5 years

• Black Crappie and green sunfish, were sampled in smaller numbers
Bluegill Growth Rates - Huron Lake, Waushara Co.

Huron Lake 2005

Mean Length (Inches)

Completed Summers of Growth

Huron Lake 2005

Statewide Average

Huron Lake Bluegill

Number of fish

Length (inches)

2010

2005
Largemouth Bass
White R. Flowage

Above average abundance
128 sampled, 75/hour >8” (86/hour in 05)
Size structure above average
5.3”-17.5” (mean of 12.0”)
PSD12 – 63%
RSD14 – 33%
FISHERIES MANAGEMENT............................... we make fishing better
Bluegill
White R. Flowage

Abundance above average
224/hour > 3” (705/hour in 05)

Size structure average (2.3”-8.0”)
mean = 4.6”
PSD6 = 14% (11% in 05)
RSD7 = 5%

Black Crappie, Yellow Perch and Pumpkinseed were sampled in low numbers
Bluegill Length Distribution from Electrofishing on Lower White River Flowage May 13th, 2013

Number of fish vs. Length (Inches)
Conclusion

• Habitat (shoreline assessment)
  – Huron Lake – overall Medium score
    • Protection of nearshore habitat
    • Use of large woody debris (LWD) in littoral zone
    • Water levels?
  – Regulations
    • Removal of 14” size limit for LMB
    • Panfish bag limit reduction
  – White R. Flowage – Highest overall score
    • Continue to protect nearshore habitat
    • APM and invasive species control
    • Drawdown?
Thank You!

Questions??