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
FISHERIES MANAGEMENT — we make fishing better.
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 Growth Rates

Huron Lake, Waushara Co.

Huron Lake - 2004

Statewide Average

Completed Summers of Growth

Mean Length (Inches)

Largemouth Bass Growth Rates

Huron Lake - 2004

Huron Lake - 2004

Statewide Average

Completed Summers of Growth

Number of fish vs. Length (inches)

Huron Lake Largemouth Bass

Mean Length (Inches)

0 10 20 30 40 50 60 70

2.0 3.0 4.0 5.0 6.0 7.0 8.0 9.0 10.0 11.0 12.0 13.0 14.0 15.0 16.0 17.0 18.0

0 5 10 15 20 25

0 1 2 3 4 5 6 7 8 9 10

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
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%
Largemouth Bass Length Distribution from Electrofishing on Lower White River Flowage May 13th, 2013

N = 128
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

N = 138

Number of fish

Length (Inches)

0 5 10 15 20 25 30
2 2.5 3 3.5 4 4.5 5 5.5 6 6.5 7 7.5 8
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??