Pine and Big Twin Lake Management Planning Meeting

Fisheries
FISHERIES MANAGEMENT……………………..….. we make fishing better
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[Image of a man fishing at night with a boat and nets]

night fishing, boats, nets, lights
Pine

143 acres
Max depth around 48’
Mean depth 16’
Sampled in 2008
Northern Pike

• Average abundance
  1.6/acre

• Fair size structure
  Average size 18.5”
  PSD21 = 30%
  RSD26 = 11%

• Below average growth rates
Walleye

• Low abundance (stocked fishery)
  0.3/acre
• Size structure good
  Average length 17.3”
  PSD15 = 54%
• Growth and condition above average
Largemouth Bass

• Average abundance
  9/acre (90/hour > 8”)

• Fair size structure
  RSD14 = 13%(32% in 2001)
  PSD12 = 40%

• Growth and condition below average
  8 years to reach 14”
  Low condition factor
Bluegill

• Abundance average
  337/hour (411/hour in 2001)
• Size structure good
  PSD6 = 81%
  RSD7 = 63%
• Growth and condition average
Black Crappie

• Abundance fair
  114 fish sampled
• Size structure good
  6.5”-11.6”
  Mean length = 8.9”
• Growth and condition average
  8” between 3rd and 4th year
Big Twin Lake

93 acre clear water seepage lake
Max depth around 13’
Mean depth 6’
History of Winterkills
Large fluctuations in water levels
Sampled in 2012
Largemouth Bass

- Abundance fair
  67/hour
- Size structure good
  - PSD12 = 45%
  - RSD14 = 20%
Keith Petit (WRK President) and Tony Wagner assist Dave Bartz in processing the catch.
Bluegill and Pumpkinseed

• Abundance fairly high for bluegill
  501/hour

• Size structure poor
  PSD6 = 11%
  RSD8 = 2%

• Abundance fair for pumpkinseed
  135/hour

• Size structure good
  PSD6 = 38%
Conclusion

• Habitat
  – Twin lakes – High overall score
    • Protect healthy shorelines
    • Manage or mitigate degraded areas
  – Pine Lake – Low overall score
    • Improve or restore areas of concern
    • Large Woody Debris (LWD) – tree drops
  – Manage invasives
Thank You!

Questions??