

## Management Summary-Hungry Jack Lake

- Walleye and Smallmouth Bass are the primary management species (2014 Management Plan)
- Current management goals: Maintain a minimum walleye catch of 3.0 fish/gill net. Maintain a Smallmouth Bass population in which 50% of the bass caught by anglers that are at least 7 inches in length are also greater than 11 inches (PSD 50), as well as a minimum gill net catch of 1.0 fish/net.
- Additional species present include Yellow Perch, Northern Pike, Rainbow Smelt, Bluegill, Green Sunfish, Pumpkinseed Sunfish, and White Sucker.
- Walleye (fingerlings) are stocked in odd years (386 lb/stocking)
- Several attempts to re-establish Lake Trout through stocking have failed
- Current evaluations: Determine the effect of the smallmouth bass regulation change implemented in 2018. Determine whether the increase in Walleye stocking rate results in an increase in Walleye gill net catches.
- Special Regulations: Smallmouth Bass: all from **14-20"** must be immediately released. One over 20" allowed in possession. Regulation change effective May 2018.
- 2016 Lake Survey summary
  - The Walleye catch goal was met for the first time since 2001
  - Although naturally produced Walleye were present, Walleye from year classes that were supplemented by stocking were most abundant (2011 and 2013 year classes)
  - A fair proportion of the Walleye catch surpassed 20 inches in length
  - The Smallmouth Bass catch goal was met, and mean weight of bass sampled was the highest recorded to date
  - Northern Pike were moderately abundant, and above average in size compared to historical catches in the lake
  - Bluegill were also fairly abundant based on trap net catches; 67% of the sampled Bluegill were age-4 (2012 year class).
  - Yellow Perch also abundant, but small; important forage base for Walleye and Pike
- 2016 Summer Creel Survey results
  - Estimated total fishing pressure 6,091 angler-h (13.0 angler-h/acre), the highest of the 4 lakes examined (East Bearskin, Flour, Poplar)
  - Total estimated Walleye catch was 206 fish, while the estimated Walleye harvest was 135 fish (0.83 lbs/acre)
  - Total estimated Smallmouth Bass catch was 2,513 fish, while the estimated Smallmouth Bass harvest of 127 fish (0.15 lbs/acre)

- Both yields for Walleye and Smallmouth Bass were below the potential yield estimated for the species based on lake productivity
- No Northern Pike were reportedly harvested by interviewed angling parties, and only a few Sunfish were reportedly harvested during 2016