



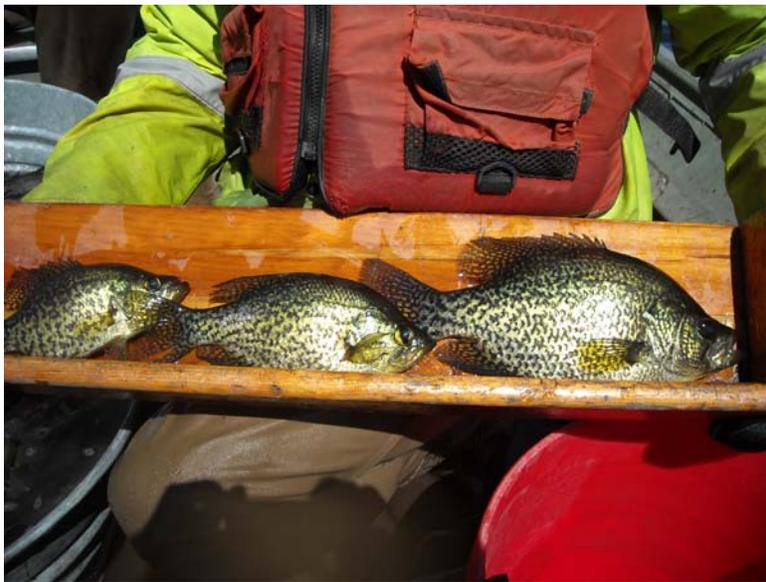
Gouldsboro Lake Monroe County April 3 – 5, 2012 Trapnet Survey

Gouldsboro Lake is a 250 acre public impoundment located in [Gouldsboro State Park](#). The park's entrance is one-half mile south of the village of Gouldsboro on PA Route 507, which can be accessed from Exit 13 off Interstate 380. The lake was drawn almost completely down in 2007 to repair the dam, however a small remnant pool remained which held resident fish species of various ages and sizes. Since its refilling in 2008, the Pennsylvania Fish and Boat Commission manages the lake's fishery under [Commonwealth Inland Waters](#) for most all fish species; except for yellow perch, black crappie, and bluegill/pumpkinseed, and largemouth bass are managed via the [Panfish Enhancement](#) and [Big Bass](#) special regulation programs. The special regulations were implemented in addition to the Commonwealth Inland Waters regulations in 2009 to further protect these populations as they rebuild with the aid of our five-year warm/cool water species stocking program initiated in 2008. Other game fish species present were the result of remnant populations that survived in the small remnant pool left during the drawdown period.

Biologists from Fisheries Management Area 5 conducted the first of three scheduled annual spring trap net surveys (next in 2014 and 2016) to assess fish size structure and abundance following our initial fry and fingerling re-stocking in 2008. Trap net sampling found yellow perch and black crappie dominant in the catch with legal length (≥ 9 inch) perch and crappie present (Table 1). Other fish species included yellow and brown bullhead, sunfish (i.e., bluegill and pumpkinseed), chain pickerel, and largemouth bass. To date PFBC stockings of yellow perch (fry) and black crappie (fingerlings) have produced encouraging results, as only these species which resulted from our stocking dominated the catch. The absence of walleye in the catch indicates that annual fingerling plants have been unsuccessful in building a viable population, and would be expected in our trap net survey at this time of year. To better assess black bass (i.e., largemouth and smallmouth bass) abundance and size structure and results of fingerling bass stockings, nightboat electrofishing sampling is scheduled to occur later this spring.

Table 1. Number and size range of fish caught from April 3rd to 5th 2012 during Gouldsboro Lake survey.

Fish Species	Number Caught	Size Range (inches)	Additional Comments
Yellow Perch	428	3 – 13	46% \geq 9 inch MSL
Black Crappie	223	2 – 13	57% \geq 9 inch MSL
Golden Shiner	82	4 – 9	
Yellow Bullhead	63	8 – 13	
Bluegill	50	6 – 10	82% \geq 7 inch MSL
Brown Bullhead	32	9 – 13	
Chain Pickerel	32	11 – 21	16% \geq 18 inch MSL
Creek Chubsucker	28	10 – 14	
Largemouth Bass	13	12 – 17	54% \geq 15 inch MSL
Pumpkinseed	11	6 – 10	55% \geq 7 inch MSL



Three legal size (\geq 9 inch) black crappie



Legal size (≥ 9 inch) yellow perch (female with eggs)

Prepared by Area 5 Fisheries Management Staff