

SOUTH DAKOTA STATEWIDE FISHERIES SURVEY

2102-F21-R-46

Name: Hilland Pond

County: Haakon

Legal description: Sec. 28, T 4N, 19E

Location from nearest town: 16 ½ mi N, 8 ¾ mi W, ½ mi S, & ¼ mi E Phillip, South Dakota.

Dates of present survey: May 30, 2013

Date last surveyed: NA

Management classification:

Primary Species: (game and forage)

1. Fathead Minnow
2. _____
3. _____

Secondary and other species:

1. _____
2. _____
3. _____

PHYSICAL CHARACTERISTICS

Surface Area: 13.5 acres (when full)

Watershed: NA

Maximum depth: NA

Mean depth: NA

Lake elevation at survey (from known benchmark): -4 feet

Ownership of lake and adjacent lakeshore property:

Hilland Pond is bordered by Bureau of Land Management on the north side of the pond and private land on the south side.

Fishing Access:

Shore angling is easily accomplished at Hilland Pond as much of the shoreline is void of emergent vegetation. The road leading into the pond is a two track road that is nearly nonexistent. It appears that hasn't been traveled much as it is overgrown with grass. At the time of sampling, the survey crew hiked into the pond from the gravel road due to low spots in the two track trail that appeared soft.

Observations of Water Quality and Aquatic Vegetation:

There was submergent vegetation throughout the more shallow areas of the pond. There were no obvious water quality issues observed at the time of the survey.

Observations on conditions of structures (i.e. spillway, boat ramps and docks, roads, etc):

The dam was not inspected by South Dakota Game, Fish and Parks personnel. There are no docks or ramps at the pond, and the road leading to the pond is very low maintenance.

BIOLOGICAL DATA

Sampling Effort and Catch

Seining Survey

On May 30, 2013 a seining survey was completed on Hilland Pond. During four seine hauls a total of 138 fish were collected. The only fish species found in the seine hauls was Fathead Minnows. The mean catch-per-unit-effort for the Fathead Minnows collected during the seine hauls was 34.5.

Angling Survey

An angling survey was also completed on May 30, 2013 to survey the Largemouth Bass population. During one angler hour no Largemouth Bass were collected. The last recorded stocking for Hilland Pond is with Largemouth Bass in 17 years. The water level was very low at the time of the survey. There were no visual signs (e.g. fish surfacing and young in the shallow water) of Largemouth Bass as well.

MANAGEMENT RECOMMENDATIONS

1. When water levels return manage as a pond highly prone to winterkill and stock Black Bullheads to provide angling opportunity.
2. If available, stock Bluegill and Largemouth Bass if water level remains high.

APPENDIX

Appendix A. Stocking record for Hilland Pond, 1993-present.

Year	Species	Size	# Stocked
1993	Largemouth Bass	Adult	30
1994	Bluegill	Adult	150
1994	Largemouth Bass	Fingerling	1,000
1996	Largemouth Bass	Adult	125
1996	Largemouth Bass	Adult	50